

FIG. 1

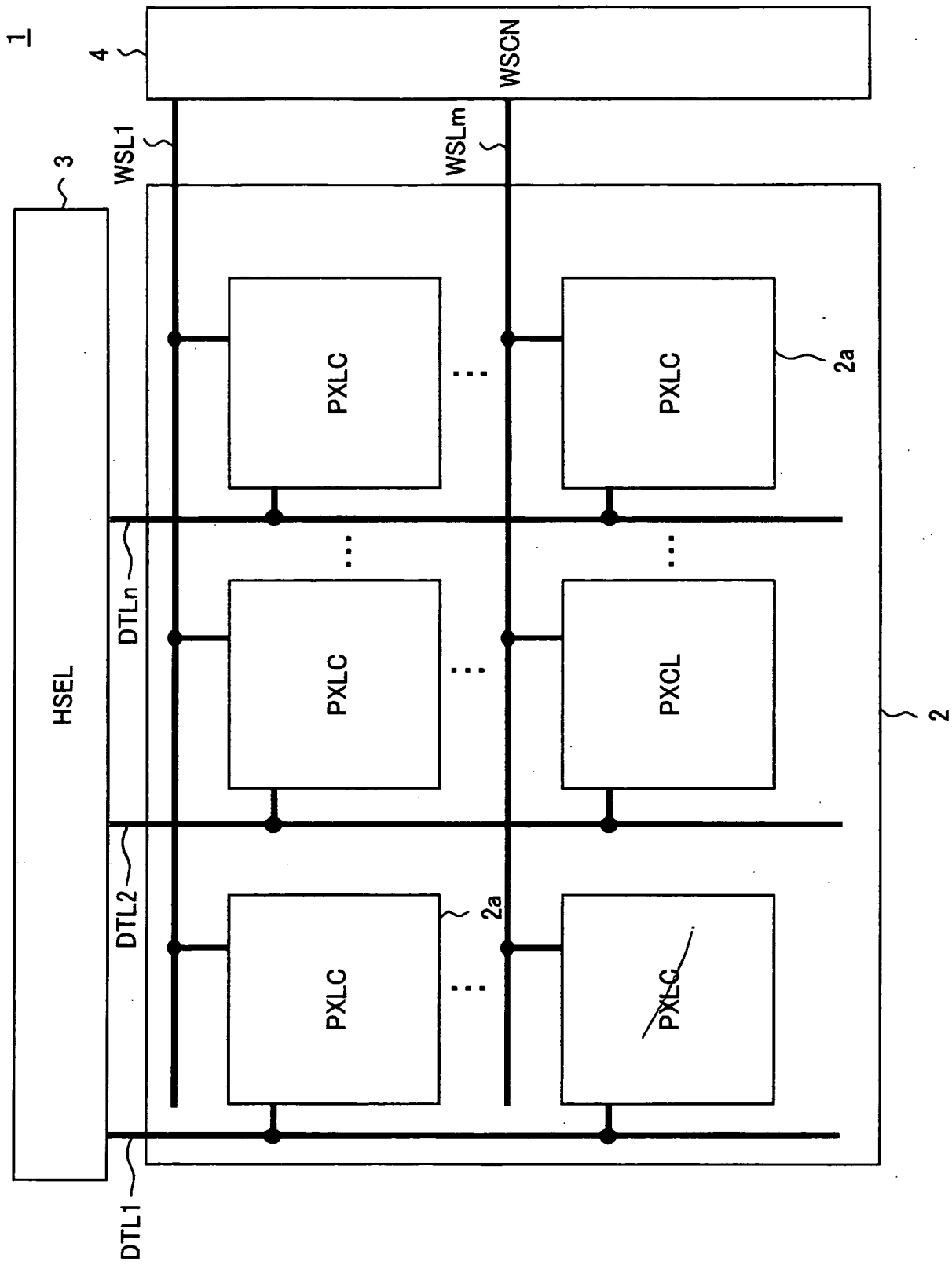


FIG. 2

2a

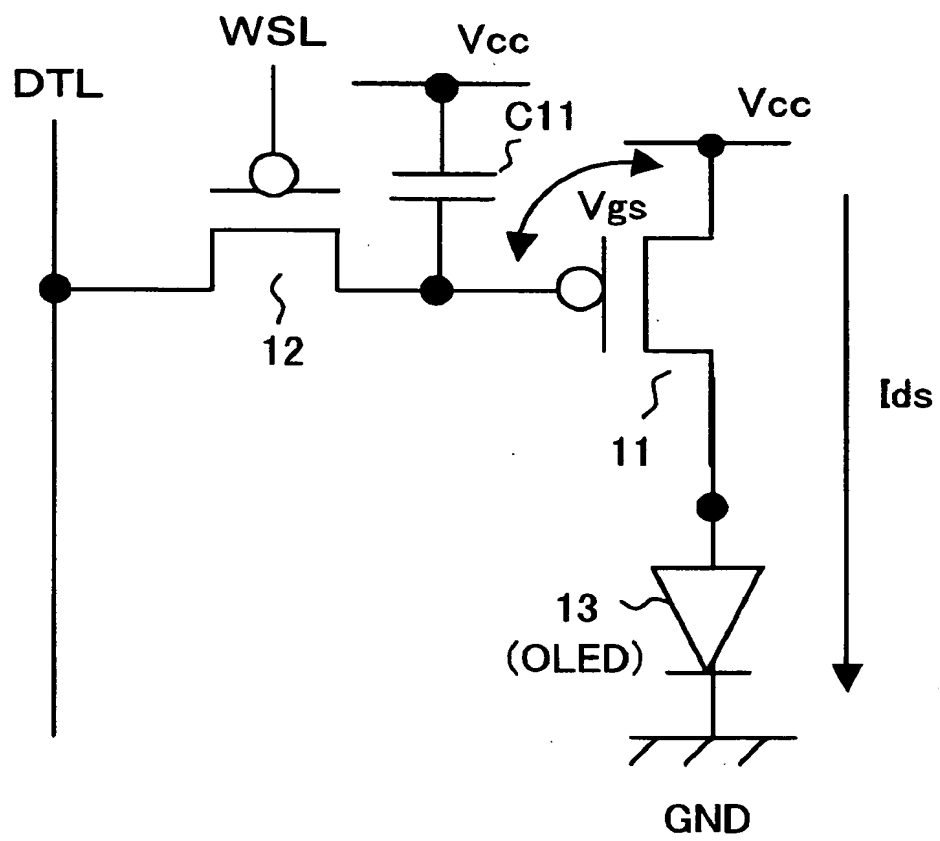


FIG. 3

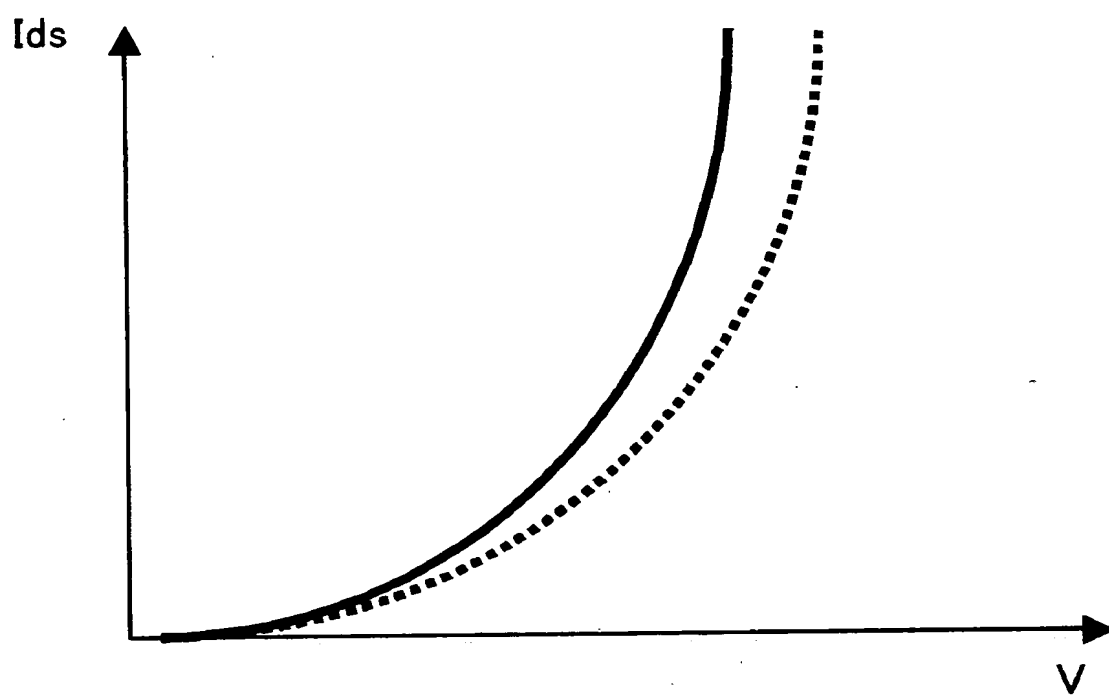


FIG. 4

2b

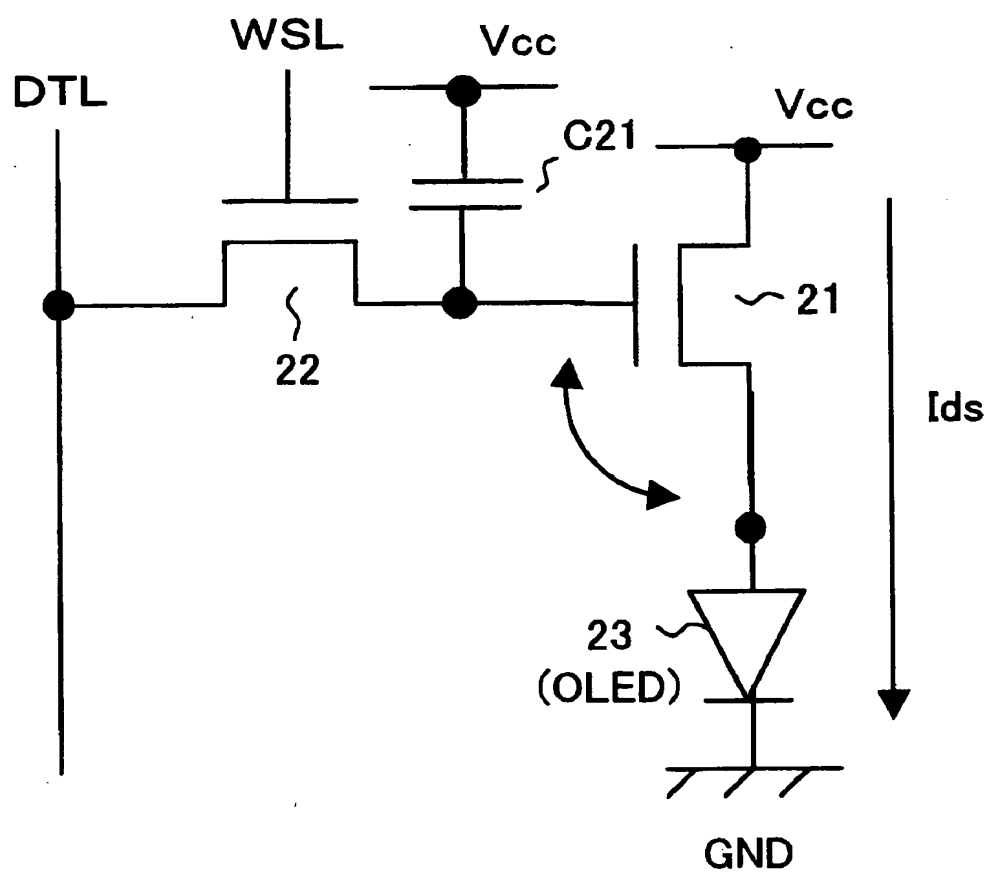


FIG. 5

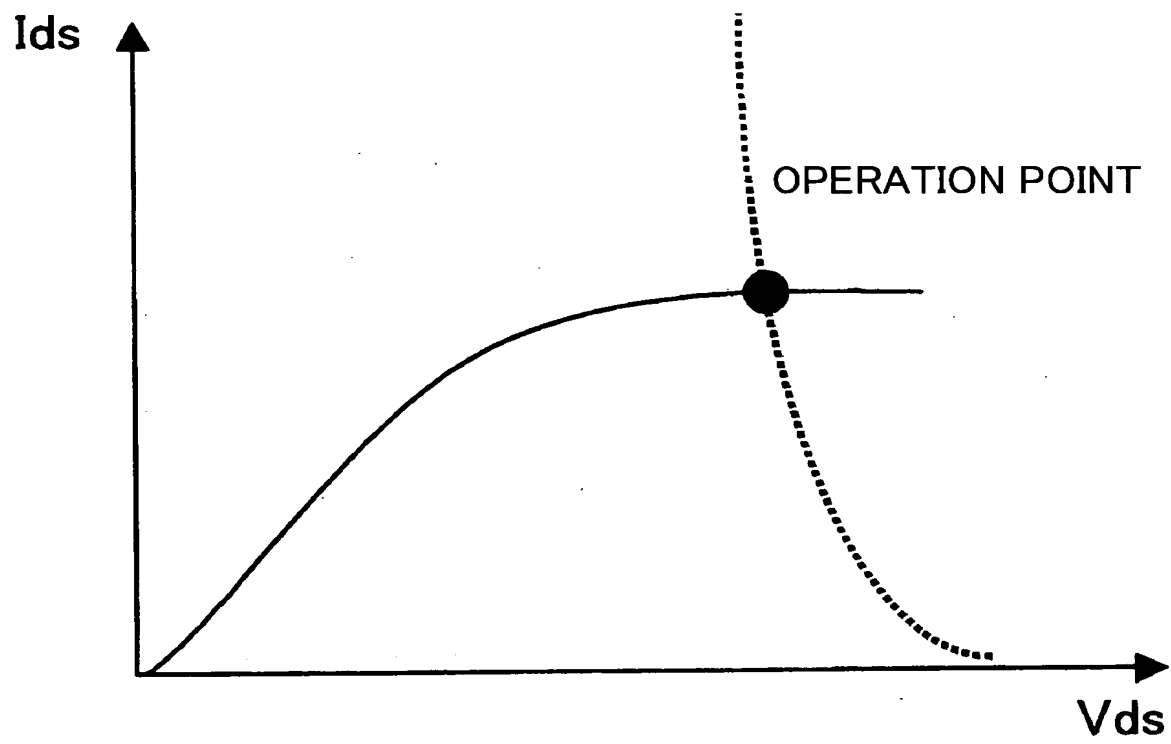


FIG. 6

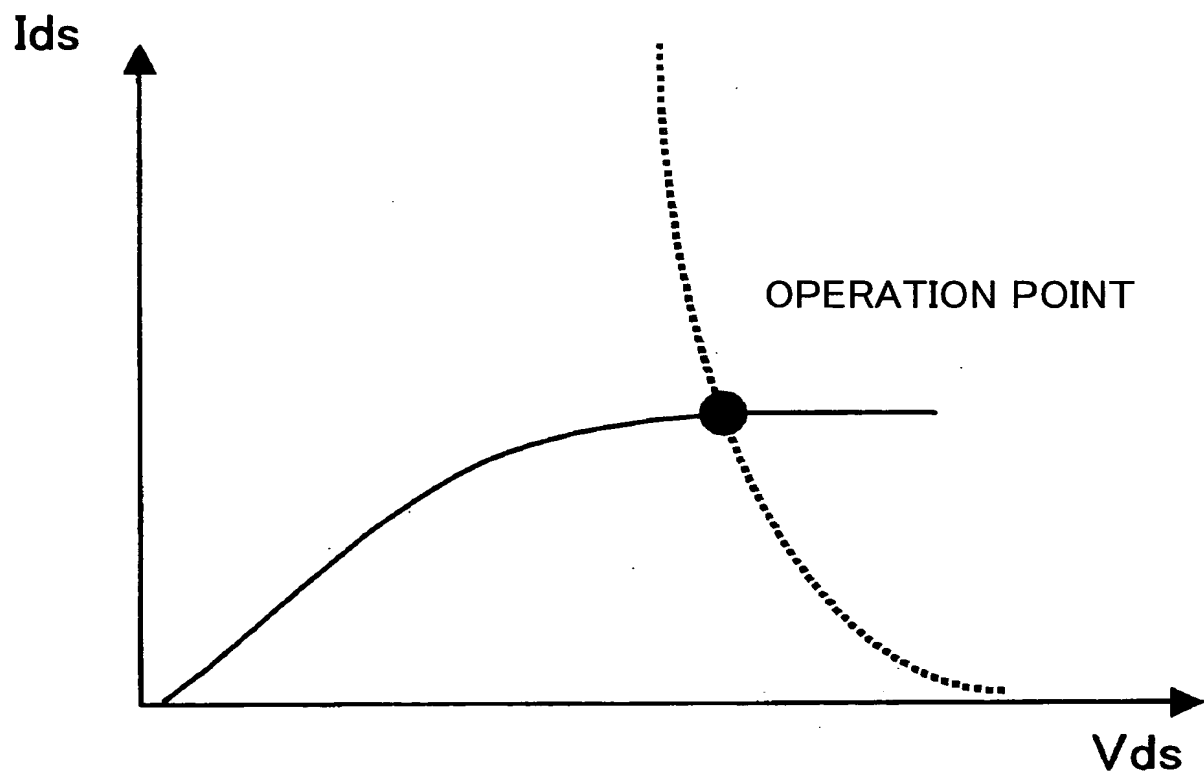


FIG. 7

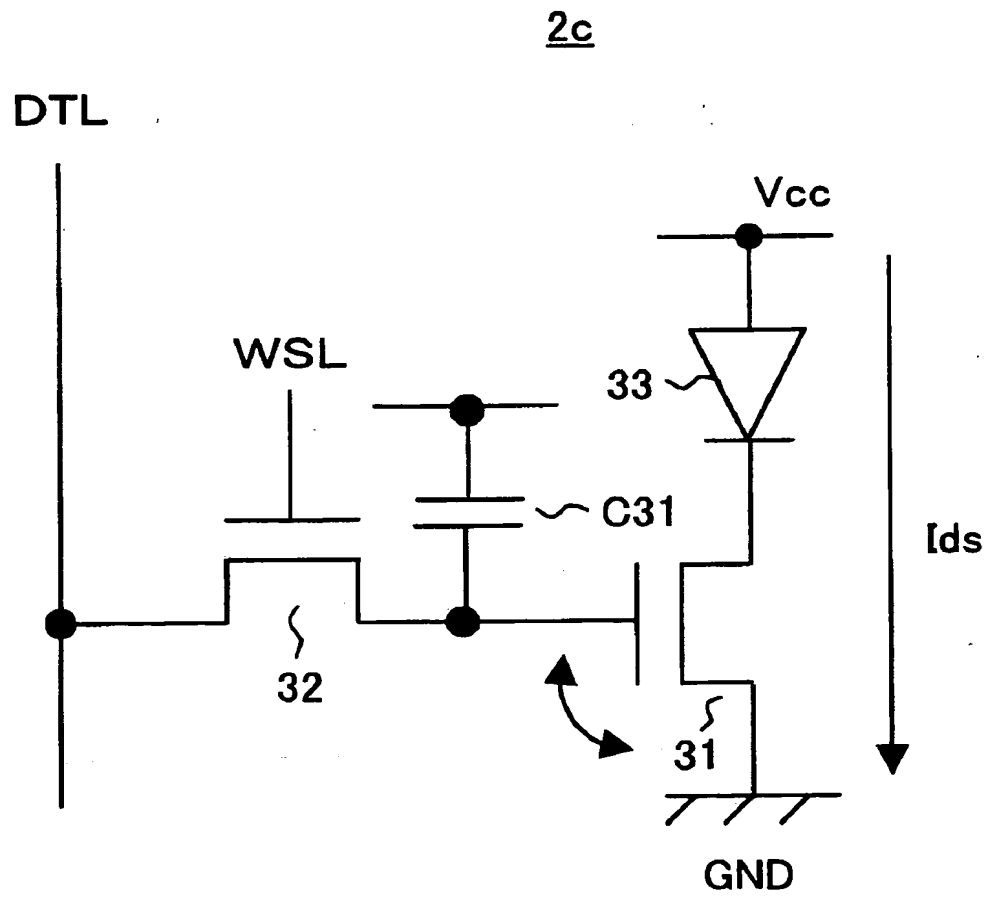


FIG. 8

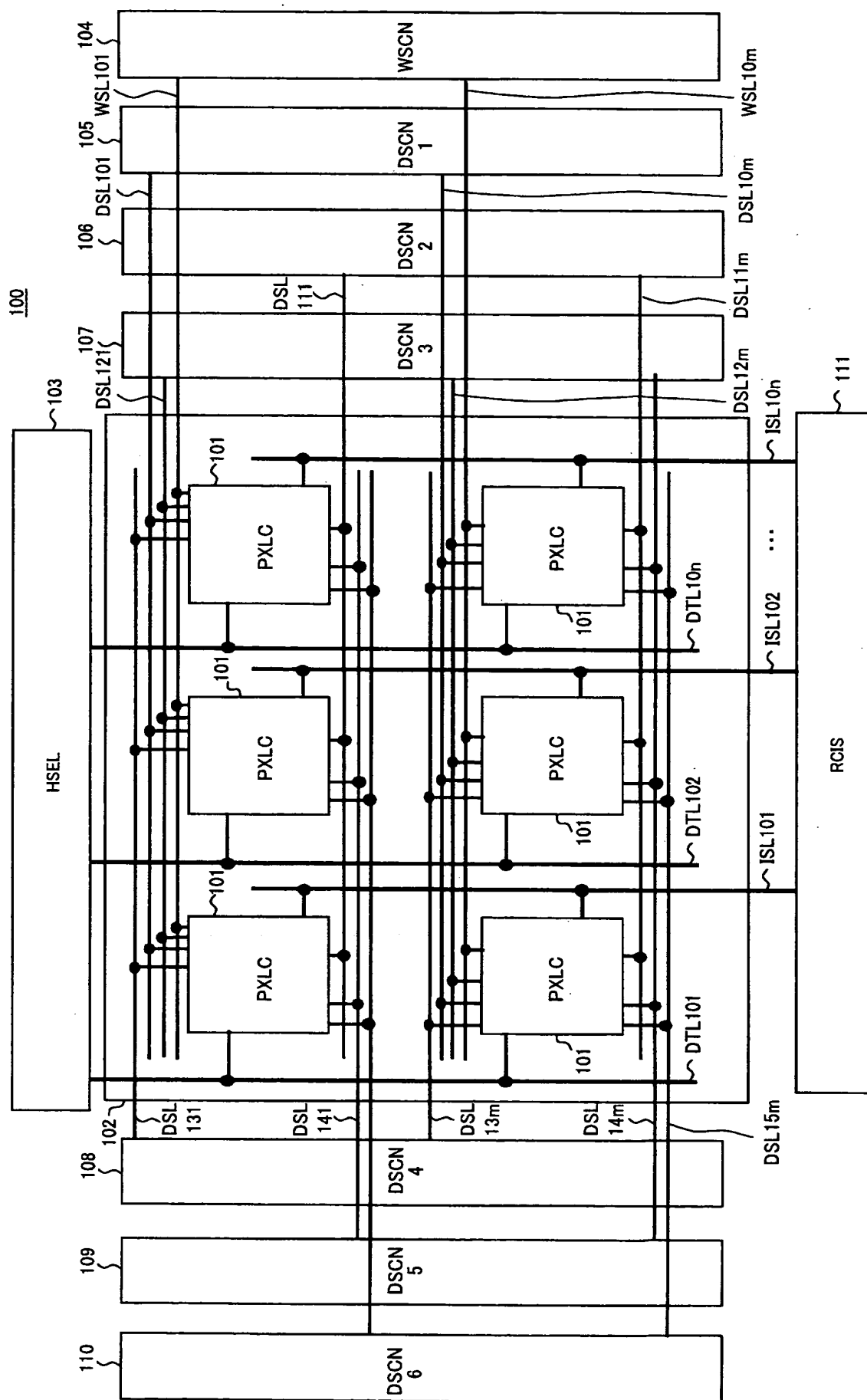


FIG. 9

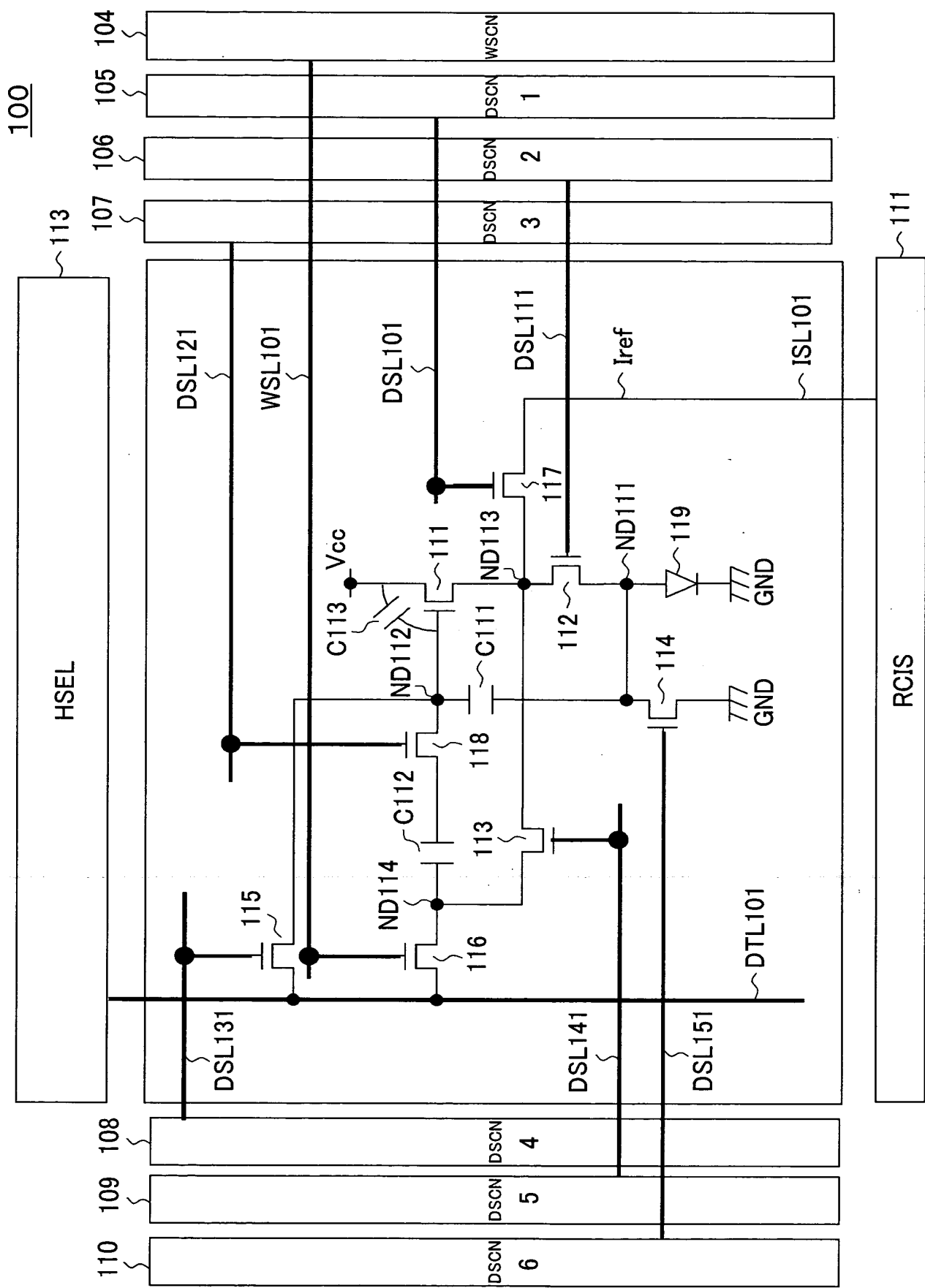


FIG. 10A $ds[4]$ TFT115

FIG. 10B $ws[1]$ TFT116

FIG. 10C $ds[3]$ TFT118

FIG. 10D $ds[5]$ TFT113

FIG. 10E $ds[6]$ TFT114

FIG. 10F $ds[2]$ TFT112

FIG. 10G $ds[1]$ TFT111

FIG. 10H V_{g111}

FIG. 10I V_{ND111}

THRESHOLD VALUE OF ORGANIC EL

GND LEVEL

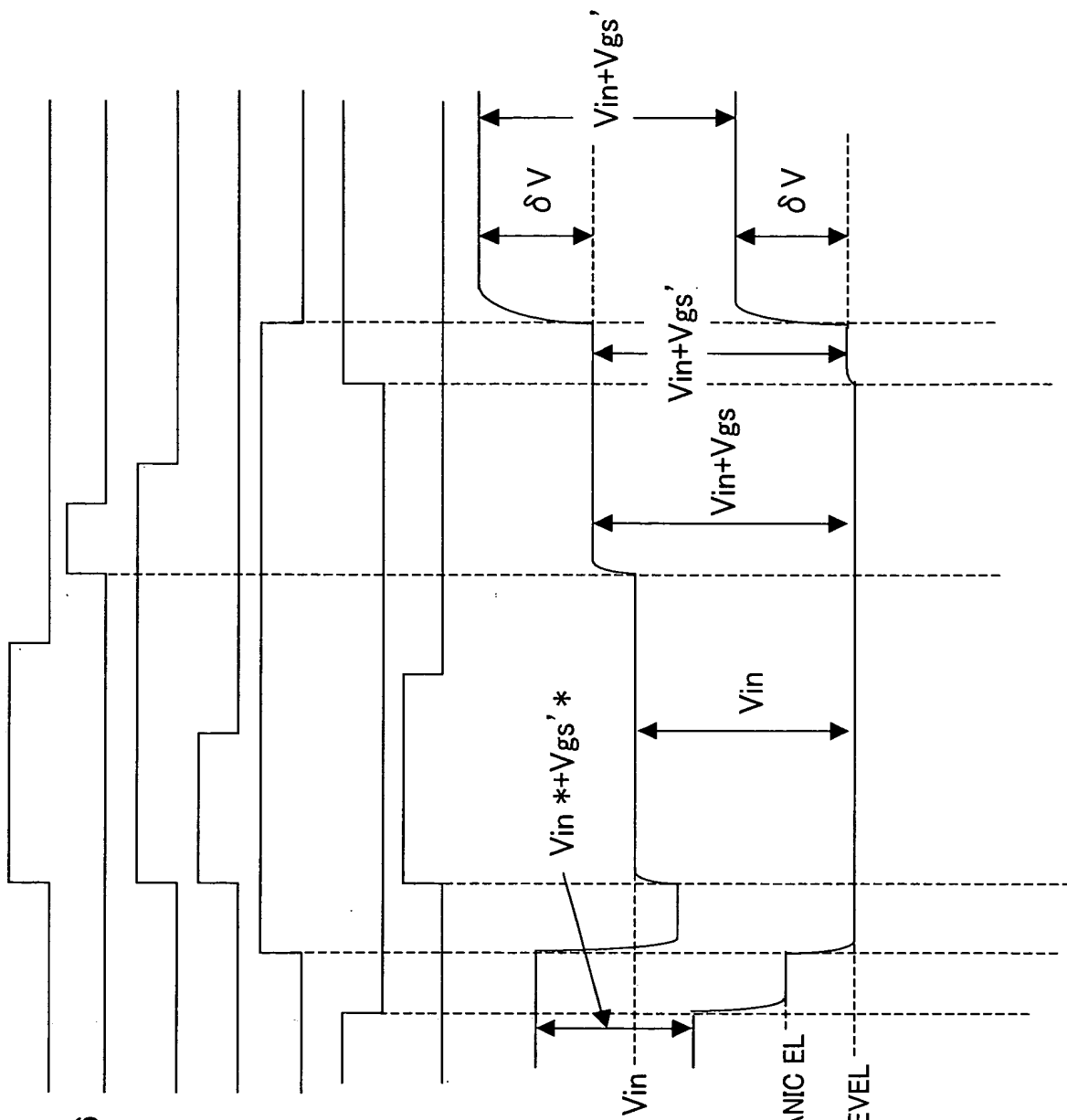


FIG. 11A

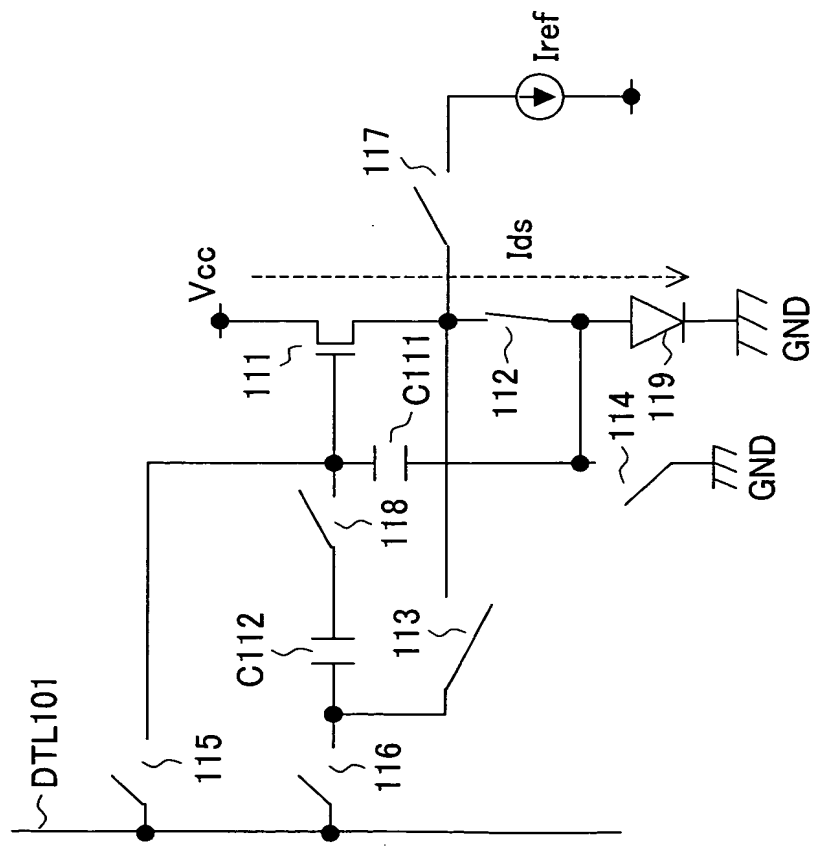


FIG. 11B

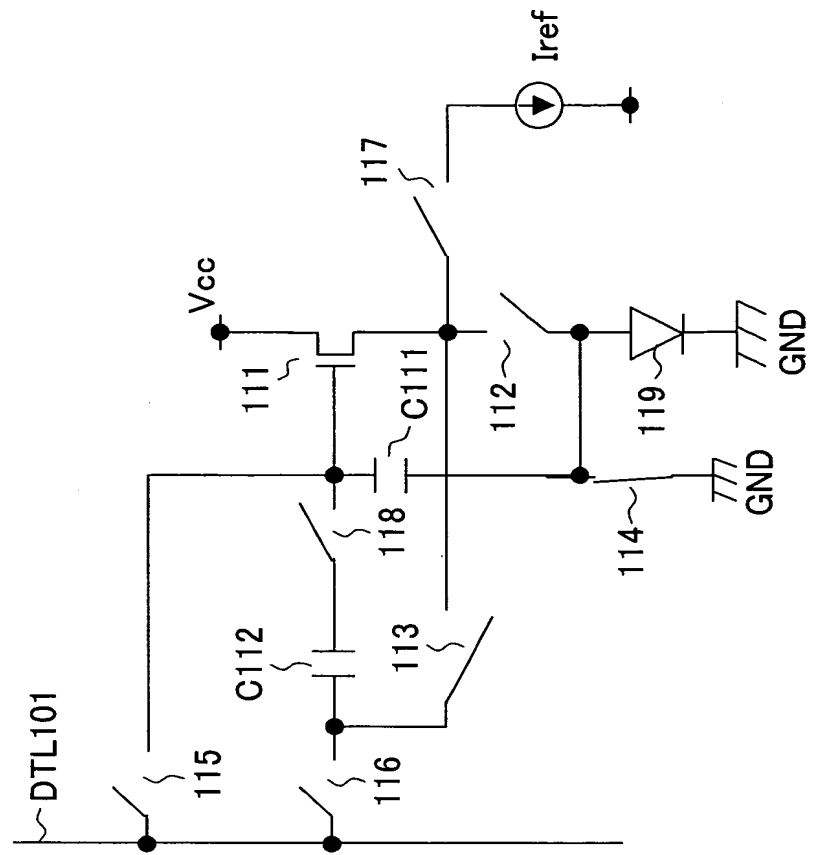


FIG. 12A

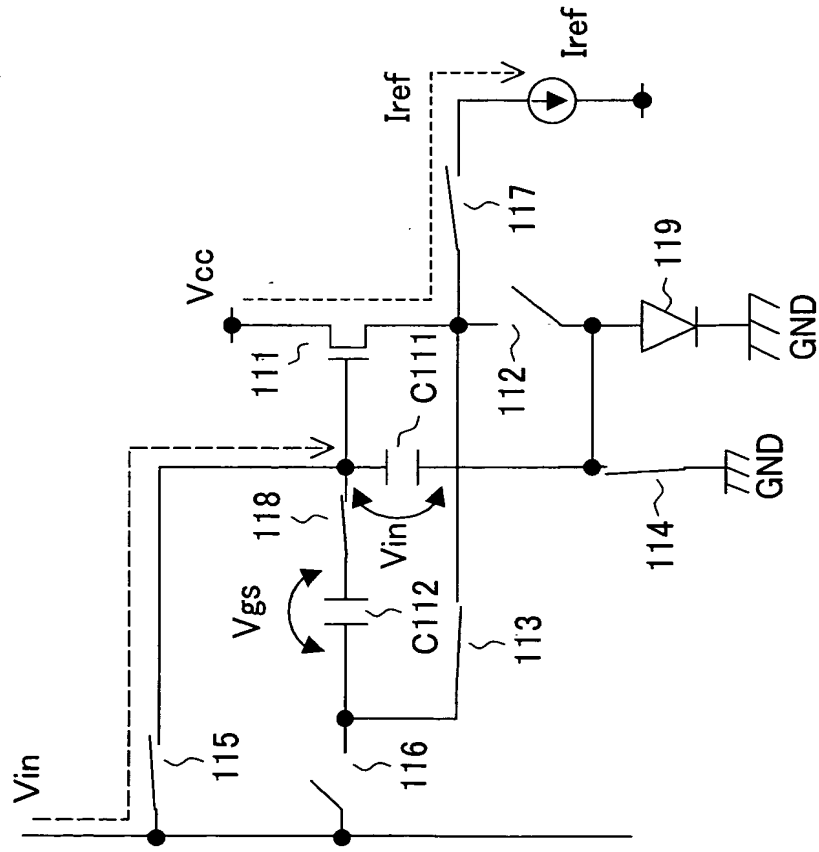


FIG. 12B

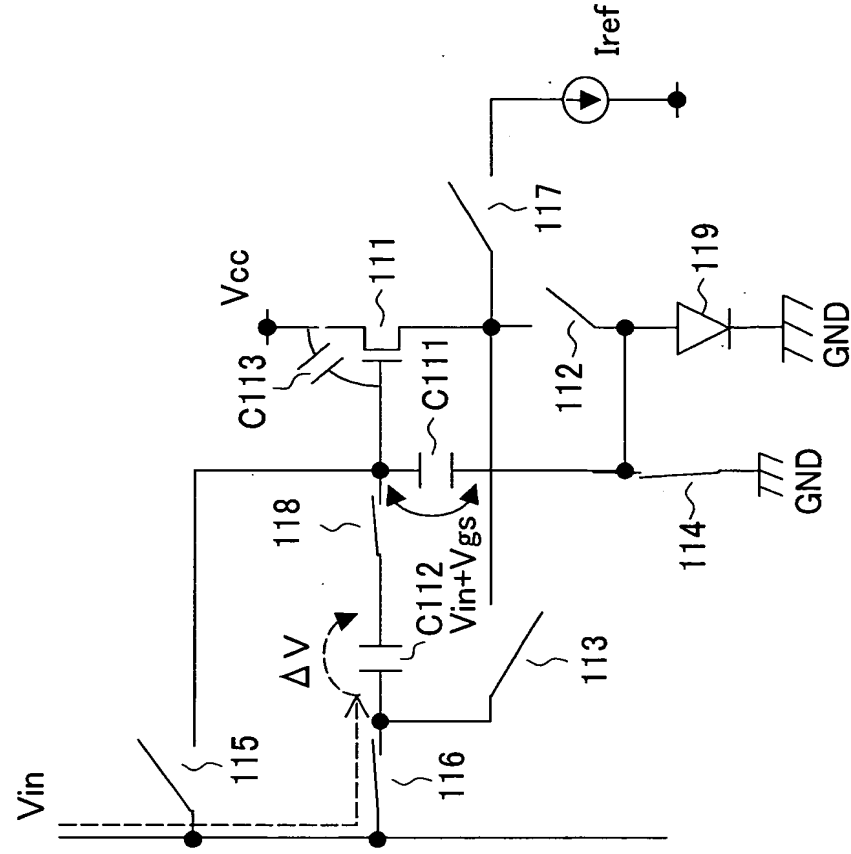
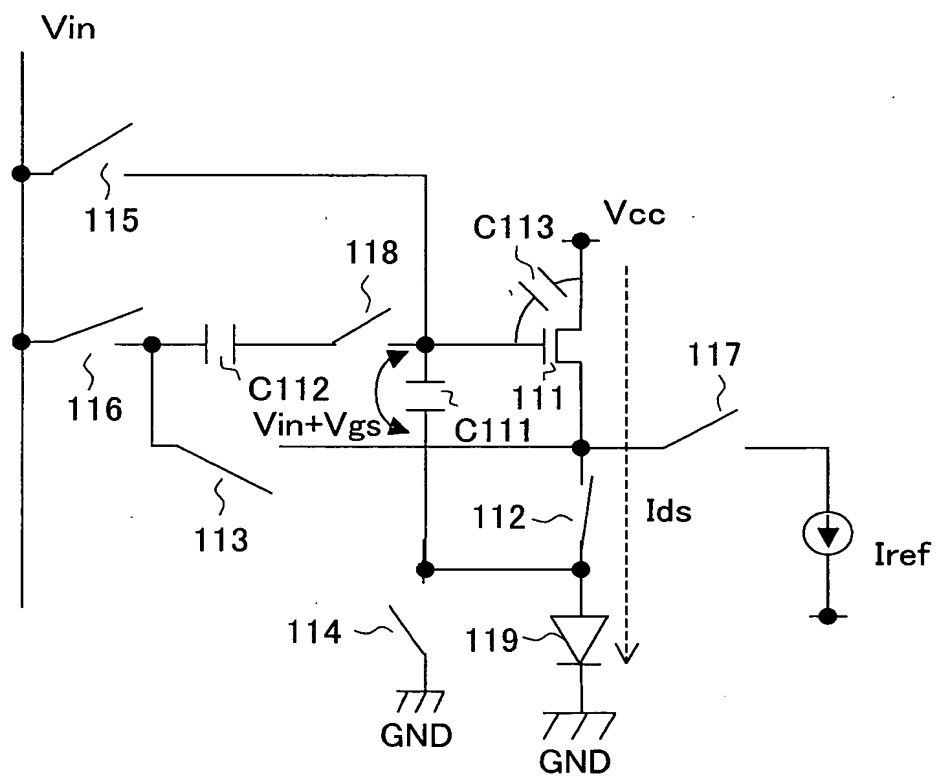


FIG. 13



INPUT SIGNAL (V_{in})

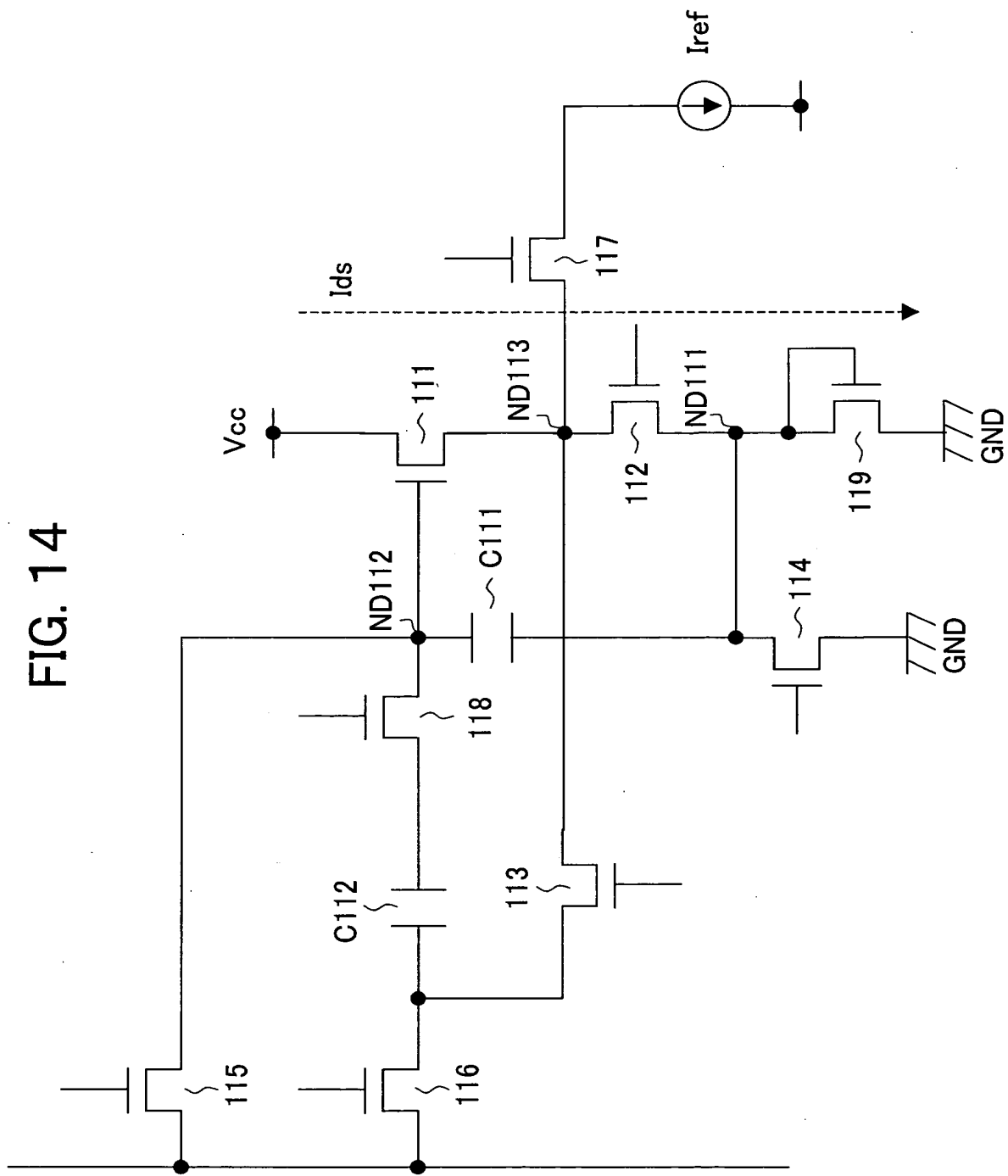


FIG. 15

GATE VOLTAGE OF
DRIVE TRANSISTOR

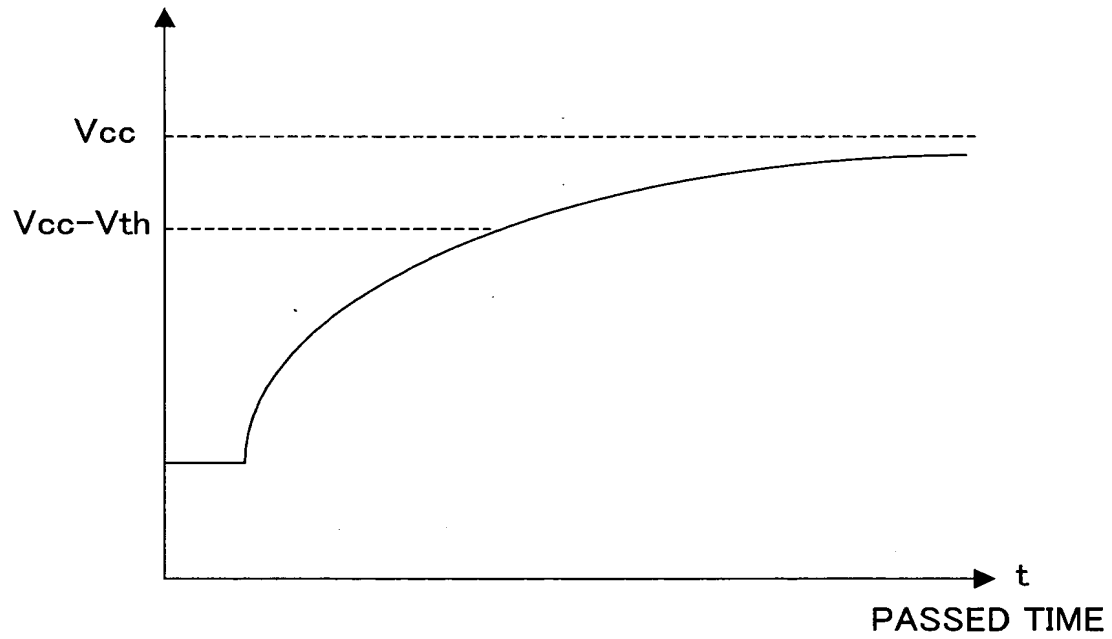


FIG. 16

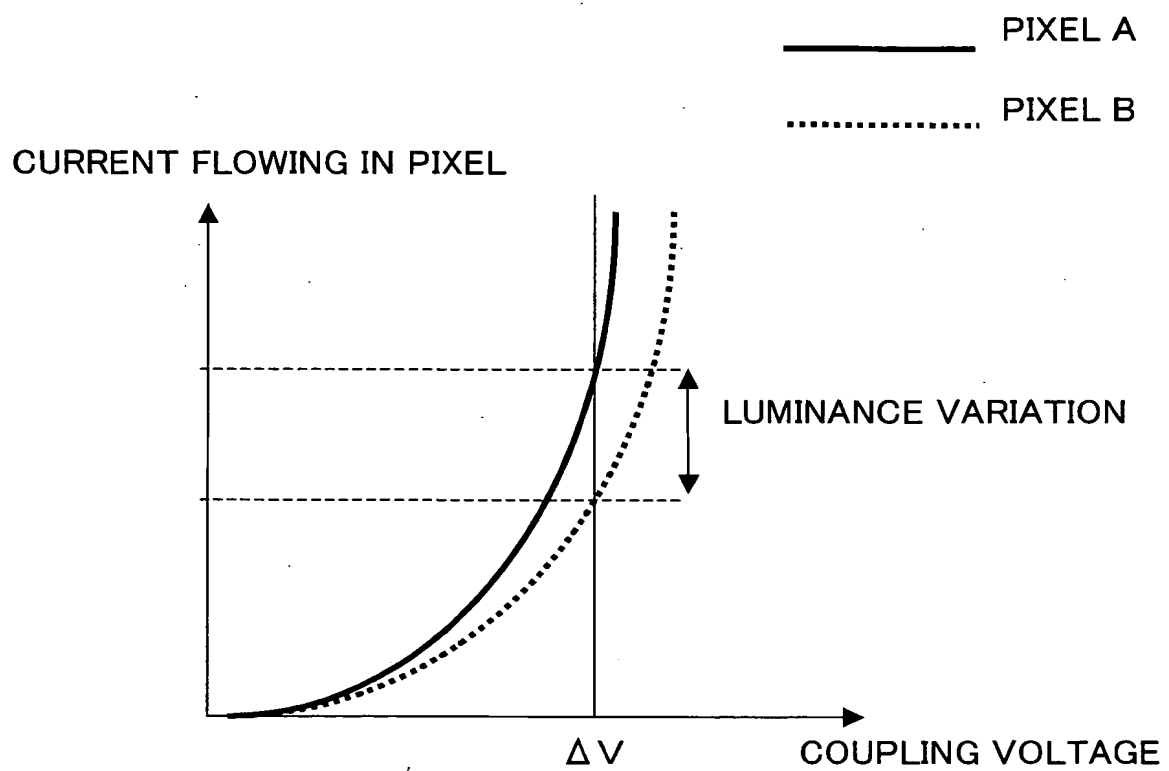


FIG. 17

GATE VOLTAGE OF
DRIVE TRANSISTOR

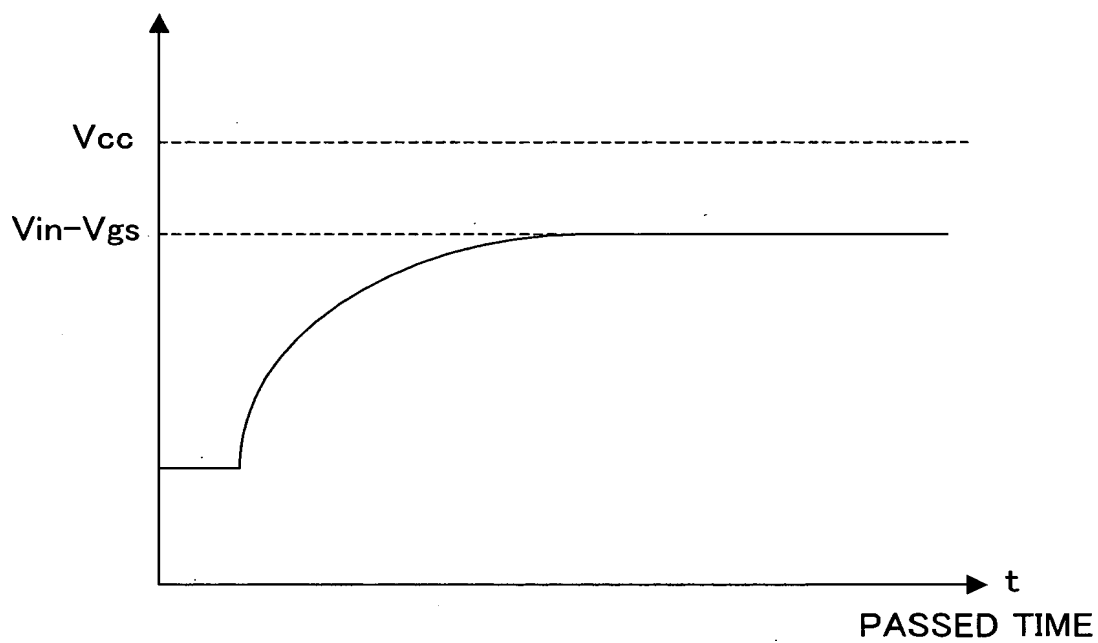
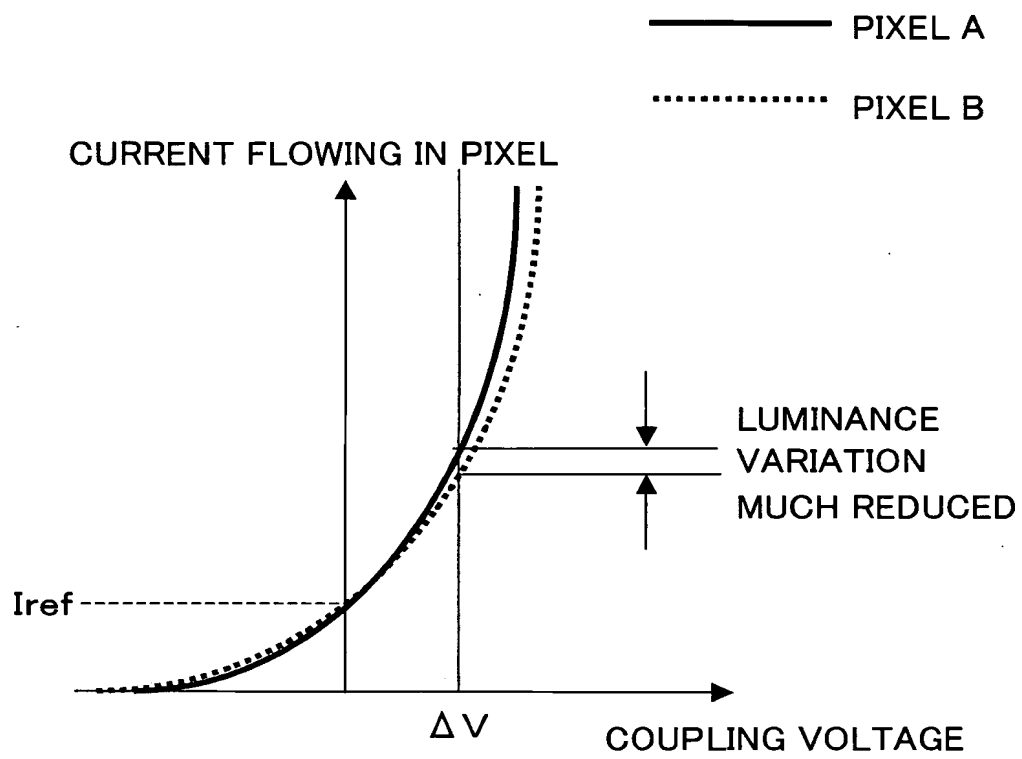


FIG. 18



[illegible]

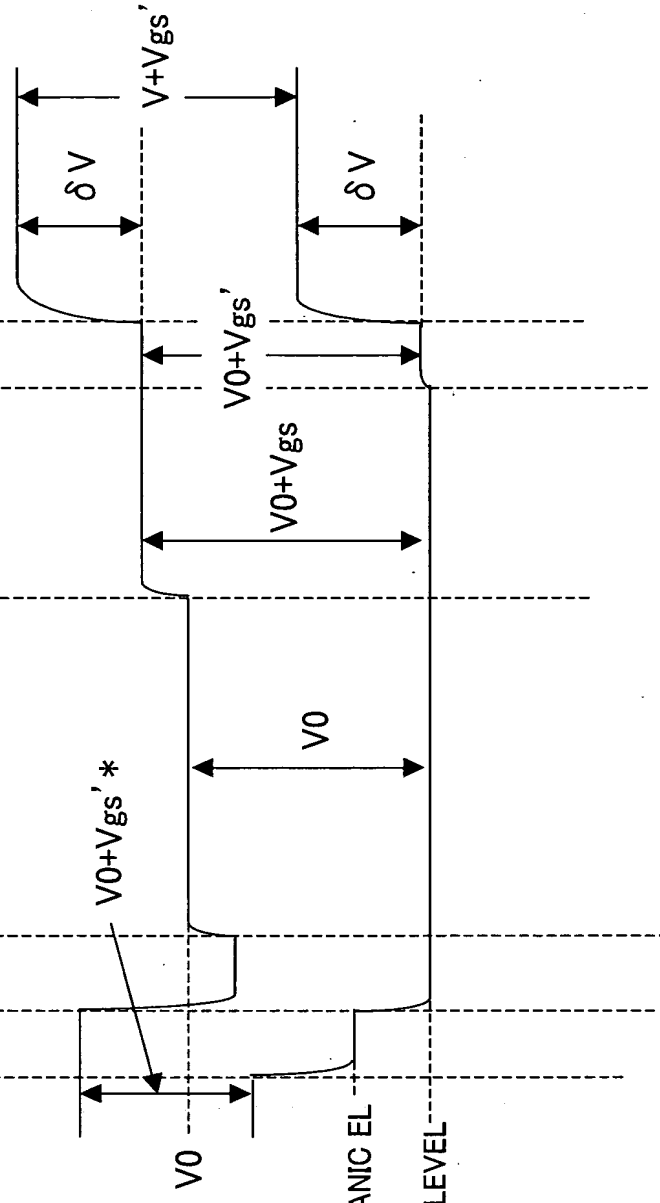
FIG. 20A_{ds[4]} TFT115FIG. 20B_{ws[1]} TFT116FIG. 20C_{ds[3]}TFT118FIG. 20D_{ds[5]TFT113}FIG. 20E_{ds[6]TFT114}FIG. 20F_{ds[2]TFT112}FIG. 20G_{ds[1]TFT111}FIG. 20H V_{g111} 

FIG. 20 V_{ND111}
THRESHOLD VALUE OF ORGANIC EL

FIG. 21

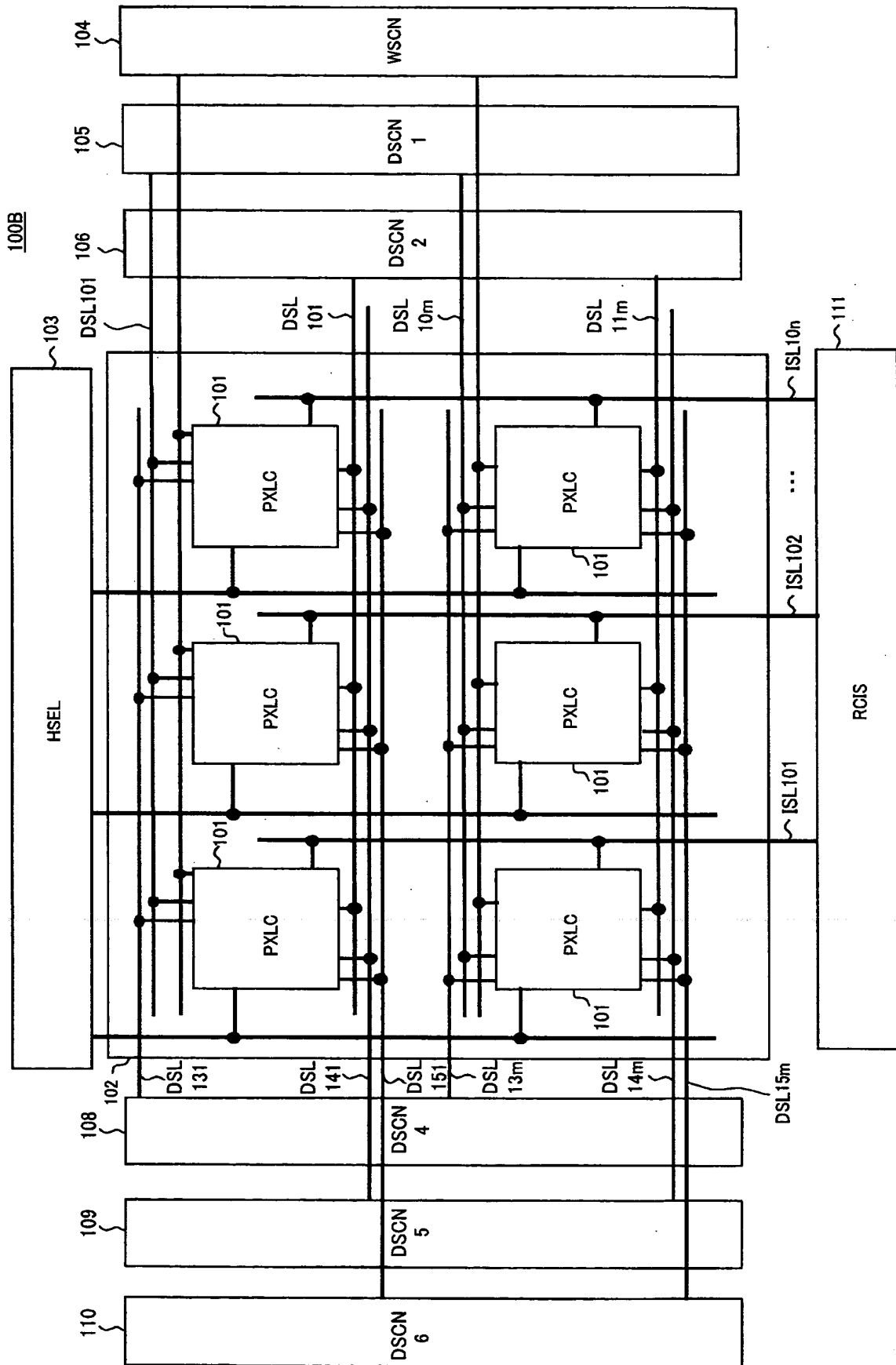


FIG. 22

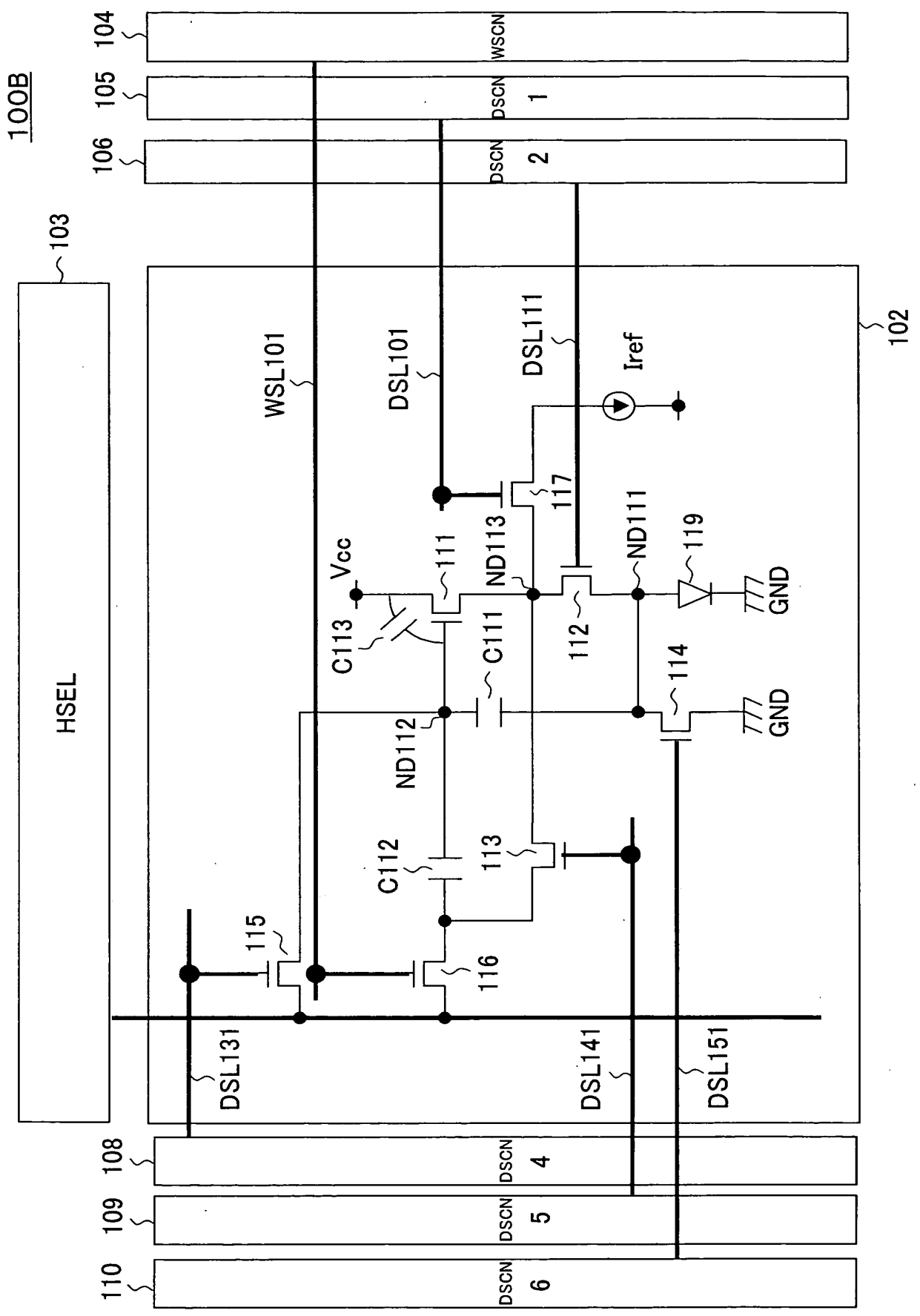


FIG. 23A $ds[4]$ TFT115

FIG. 23B $ws[1]$ TFT116

FIG. 23C $ds[5]$ TFT113

FIG. 23D $ds[6]$ TFT114

FIG. 23E $ds[2]$ TFT112

FIG. 23F $ds[1]$ TFT111

FIG. 23G V_{g111}

FIG. 23H V_{ND111}

THRESHOLD VALUE OF ORGANIC EL

GND LEVEL

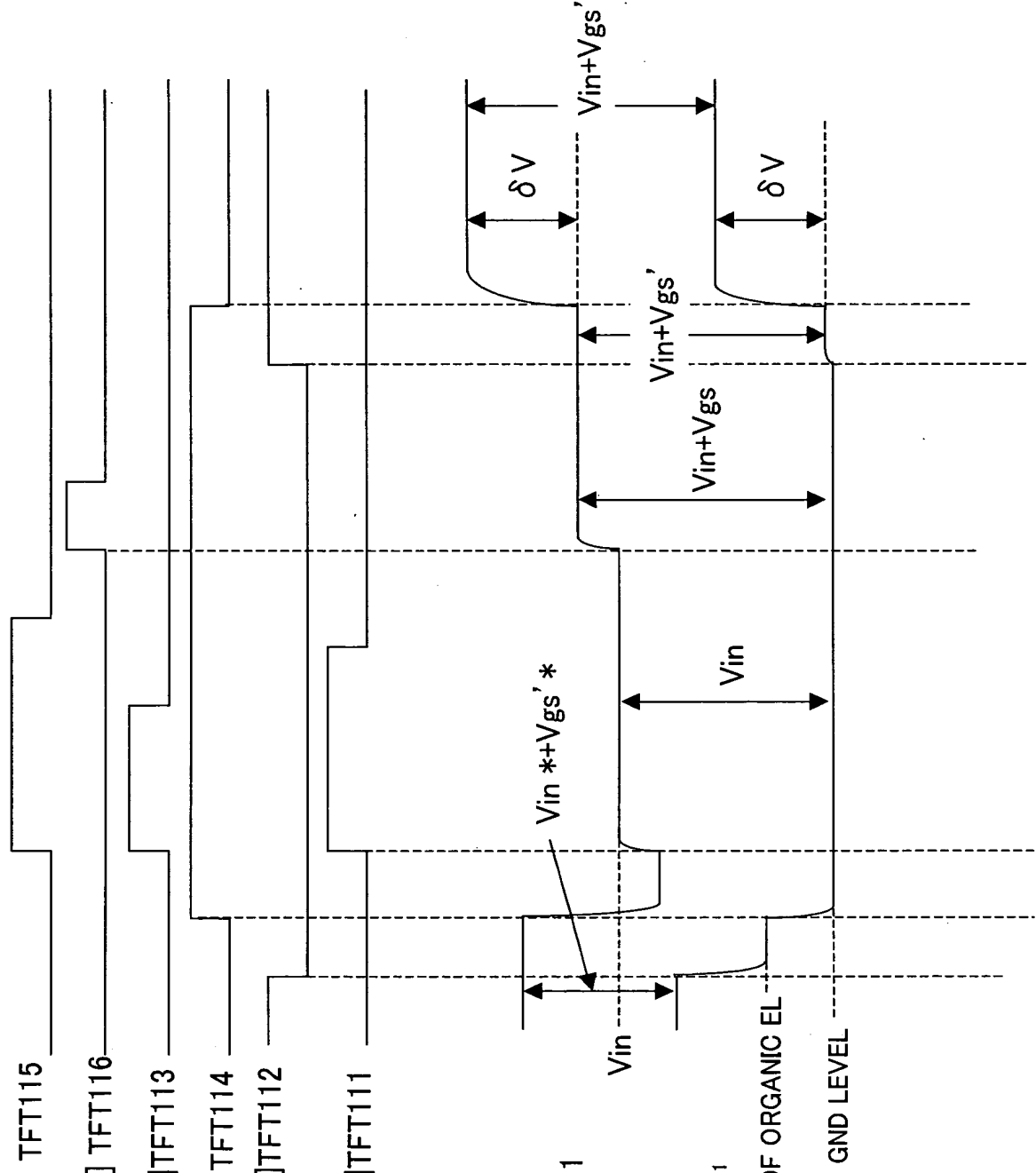


FIG. 24

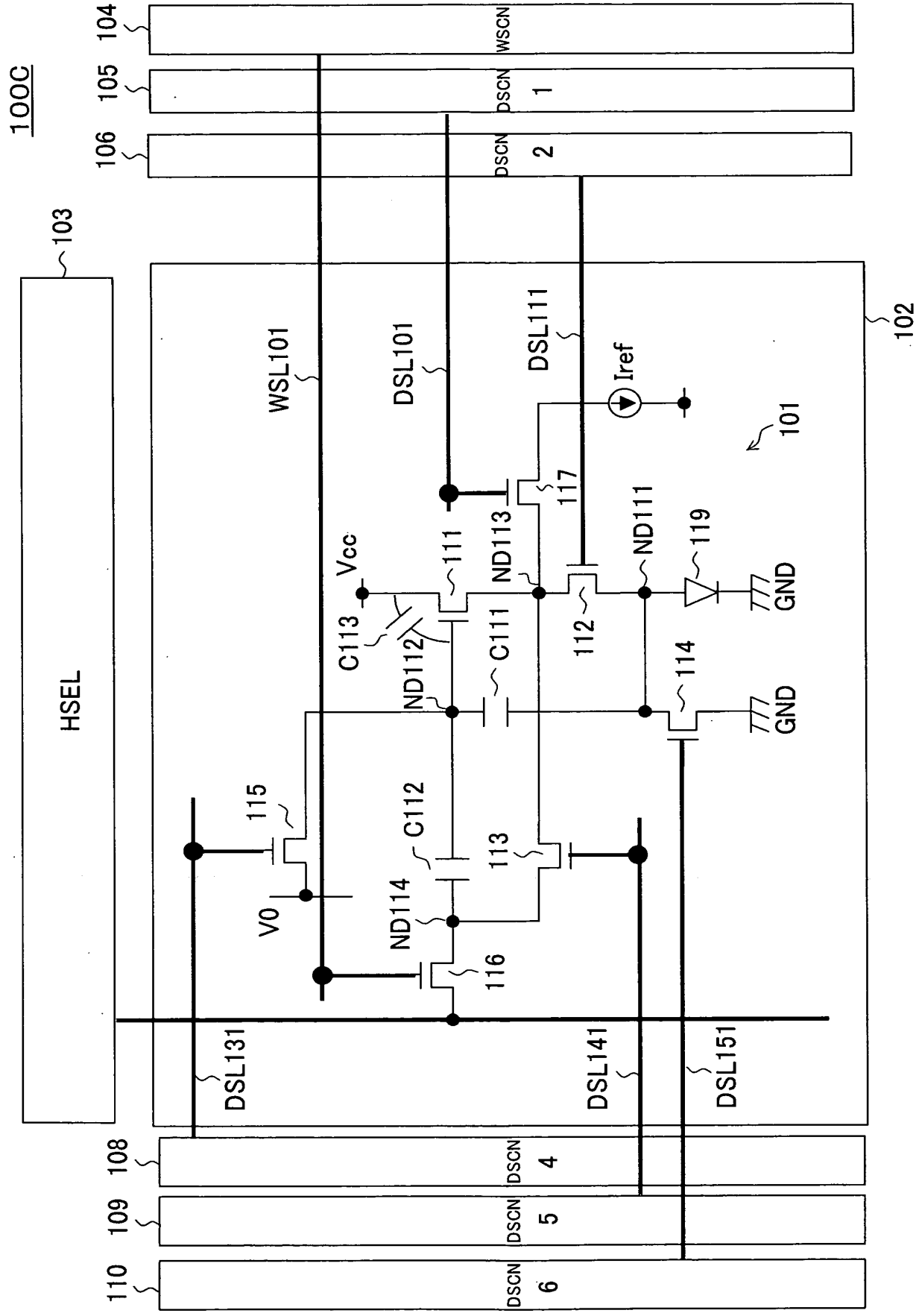


FIG. 25A $ds[4]$ TFT115

FIG. 25B $ws[1]$ TFT116

FIG. 25C $ds[5]$ TFT113

FIG. 25D $ds[6]$ TFT114

FIG. 25E $ds[2]$ TFT112

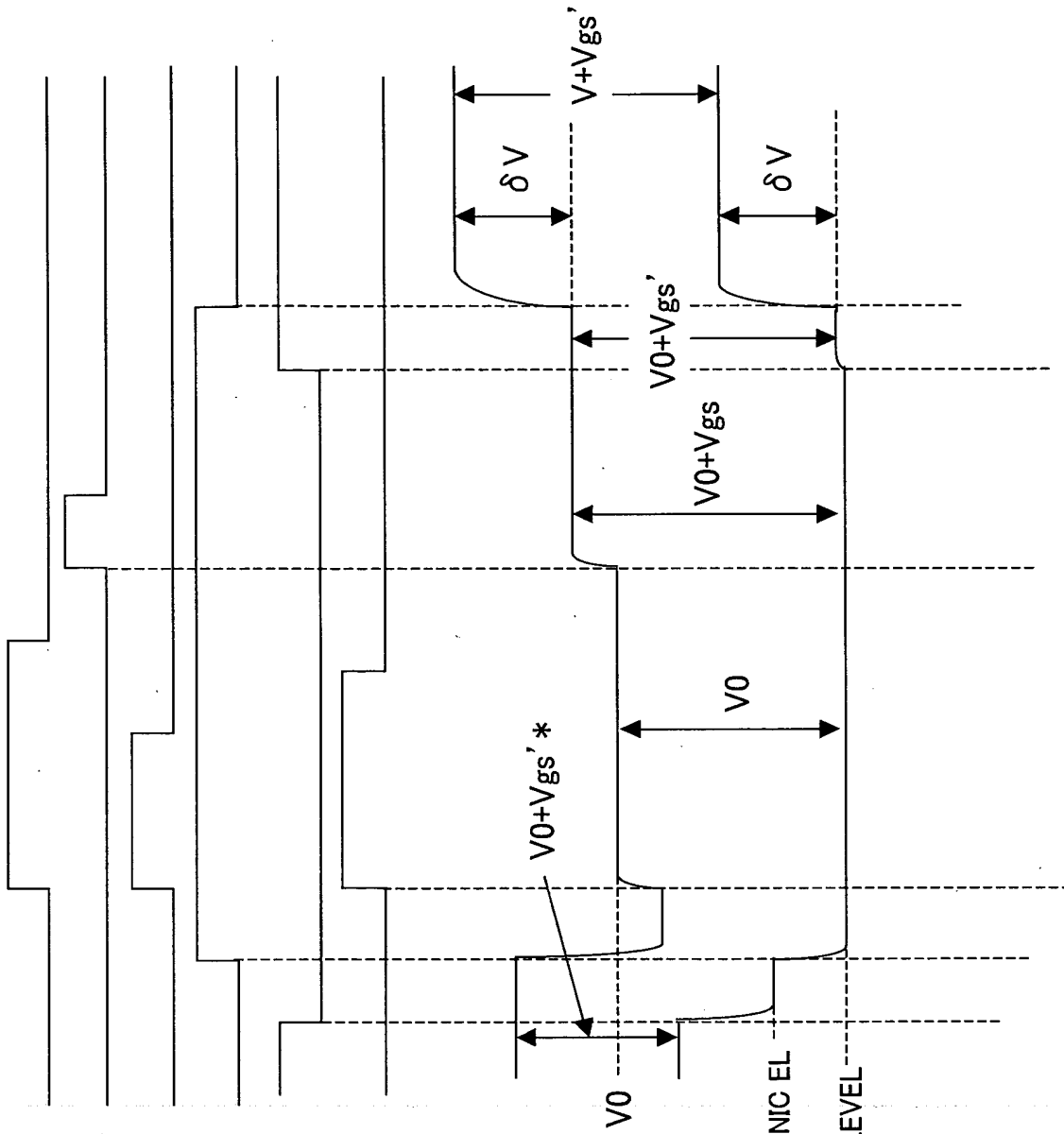
FIG. 25F $ds[1]$ TFT111

FIG. 25G V_{g111}

FIG. 25H V_{ND111}

THRESHOLD VALUE OF ORGANIC EL

GND LEVEL



100D

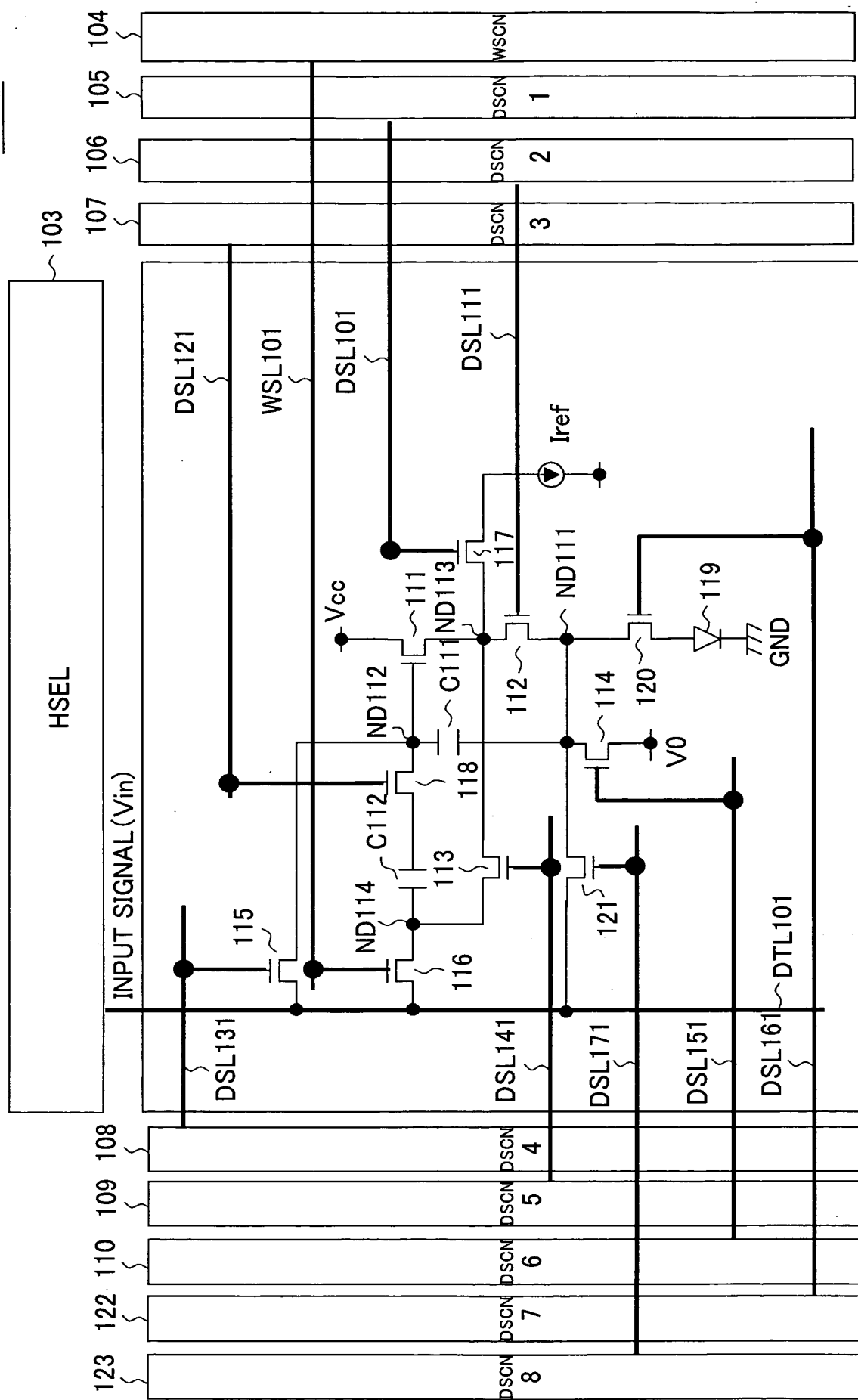
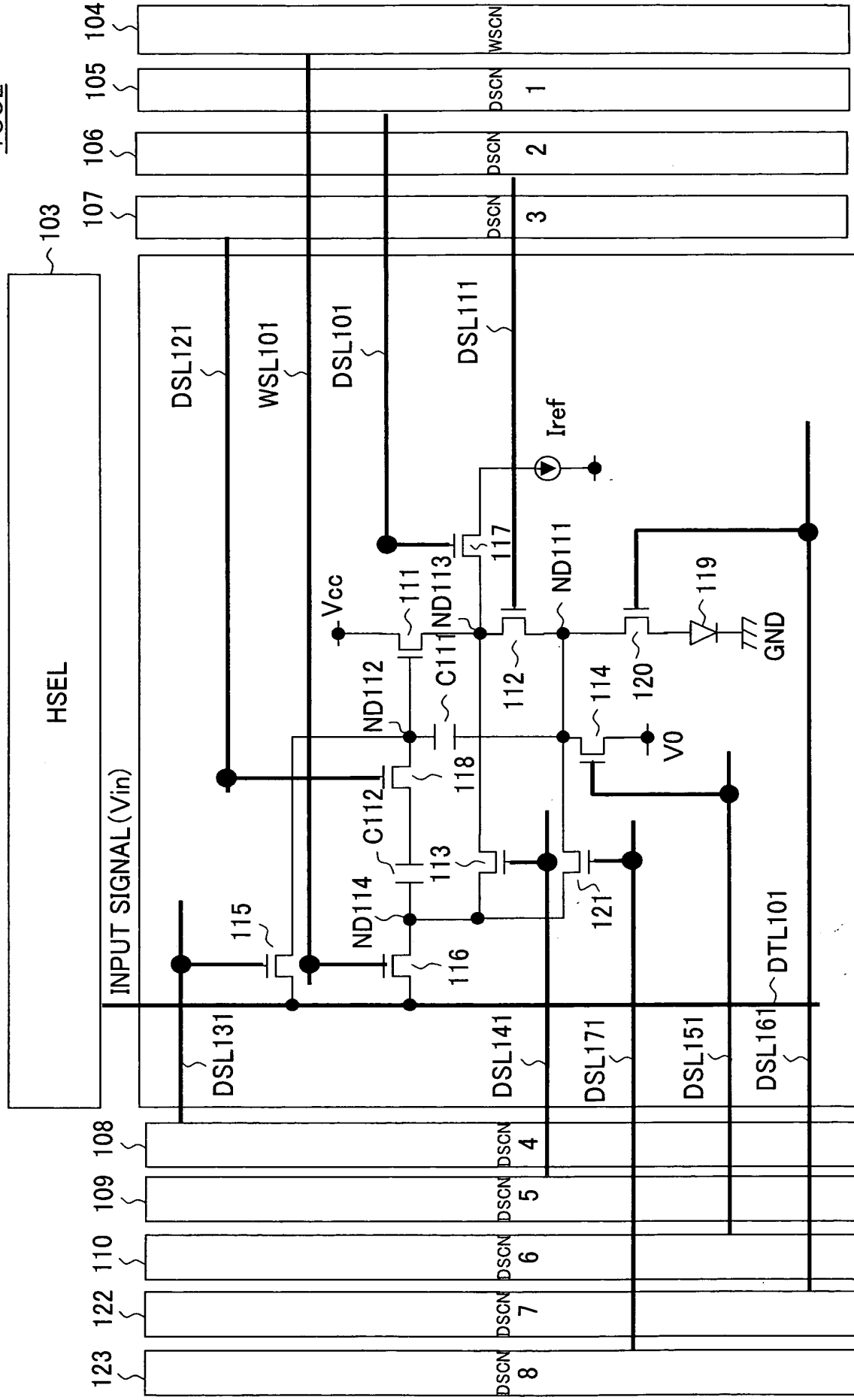


FIG. 27

100E



[illegible]






FIG. 29A ds[4] TFT115

FIG. 29B ws[1] TFT116

FIG. 29C ds[3]TFT118

FIG. 29D ds[5]TFT113

FIG. 29E ds[2]TFT112

FIG. 29F ds[1]TFT117

FIG. 29G ds[7]TFT120

FIG. 29H ds[6]TFT114

FIG. 29I ds[8]TFT121

FIG. 29J Vg111

FIG. 29K VND11

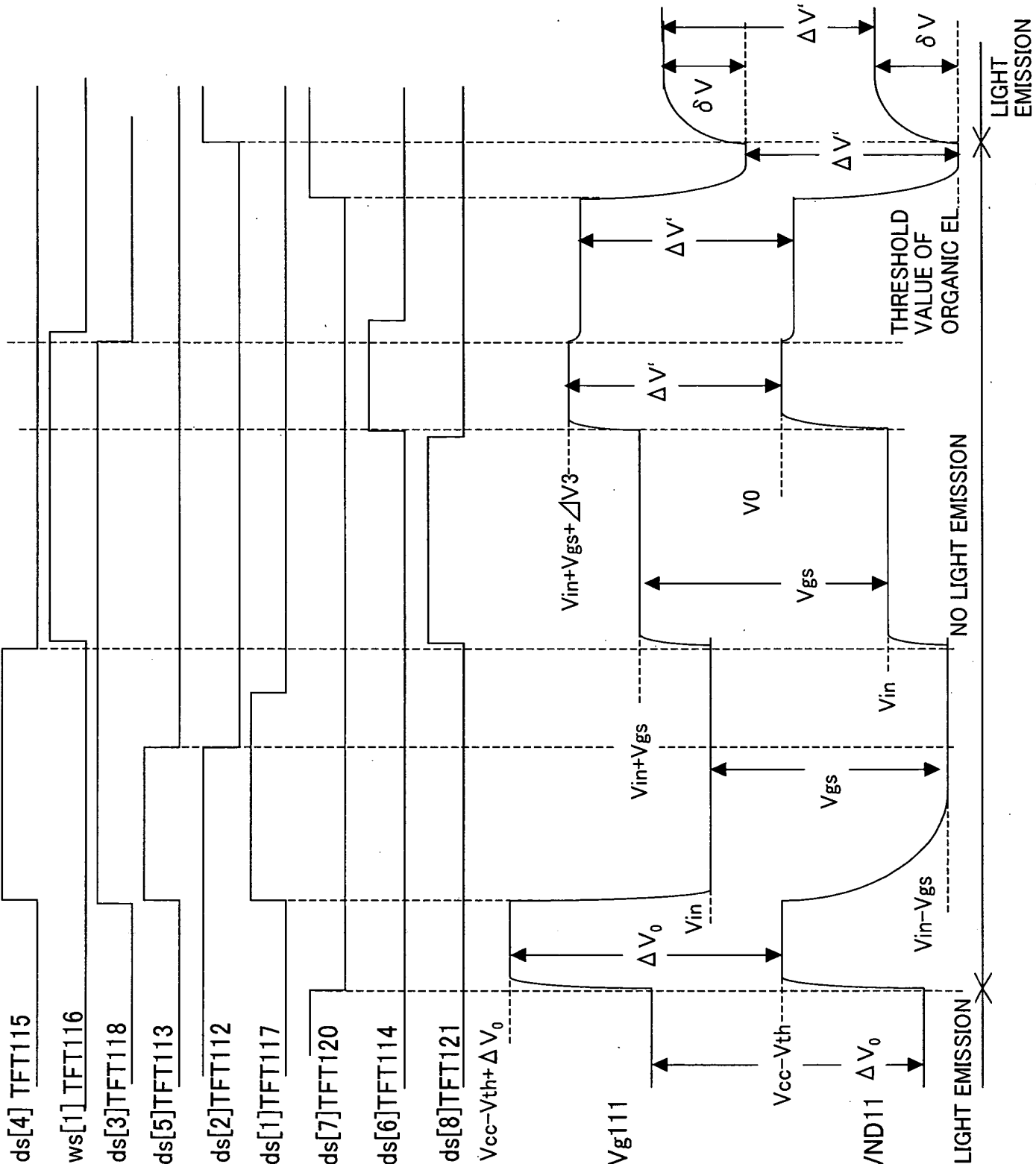


FIG. 30A

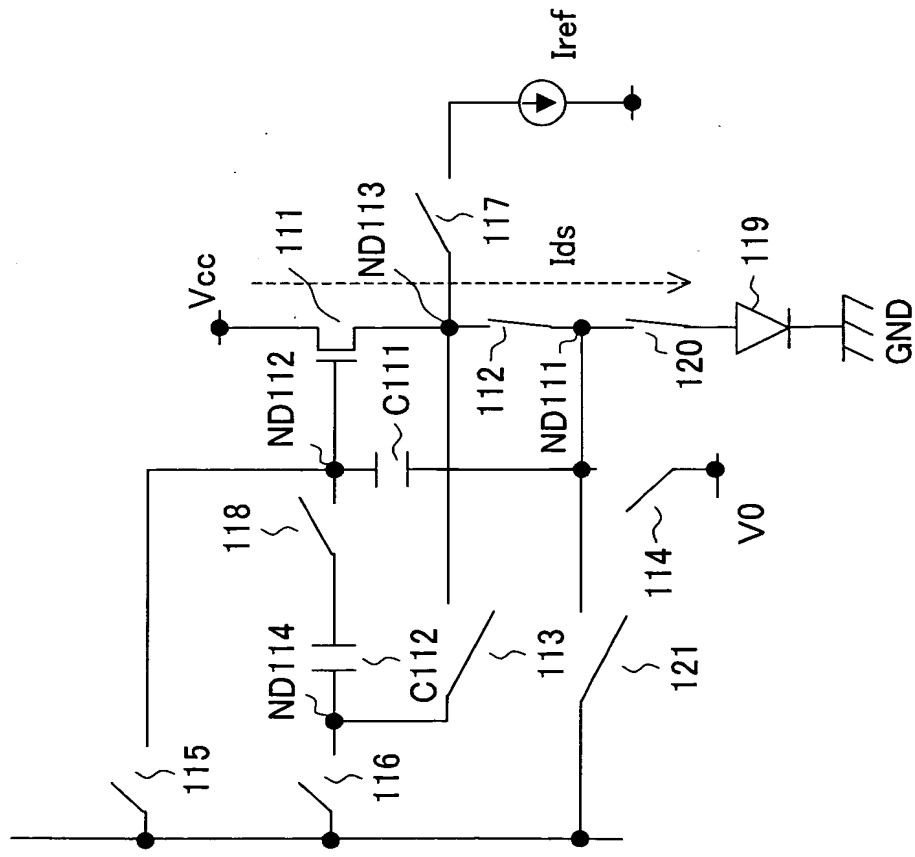


FIG. 30B

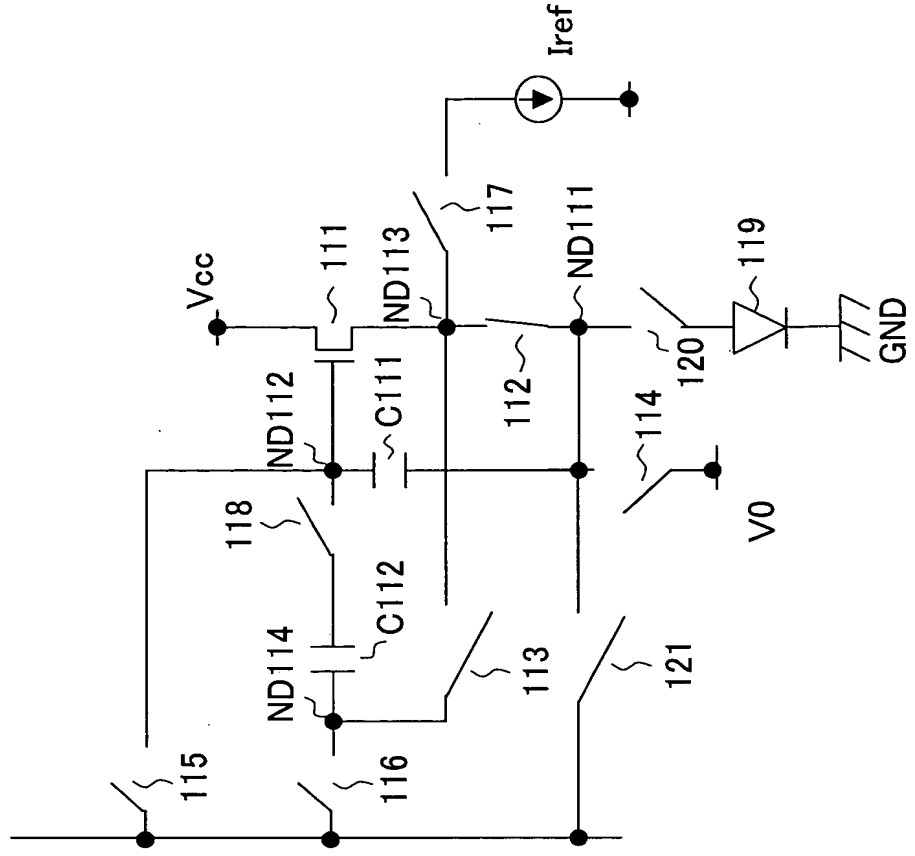


FIG. 31A

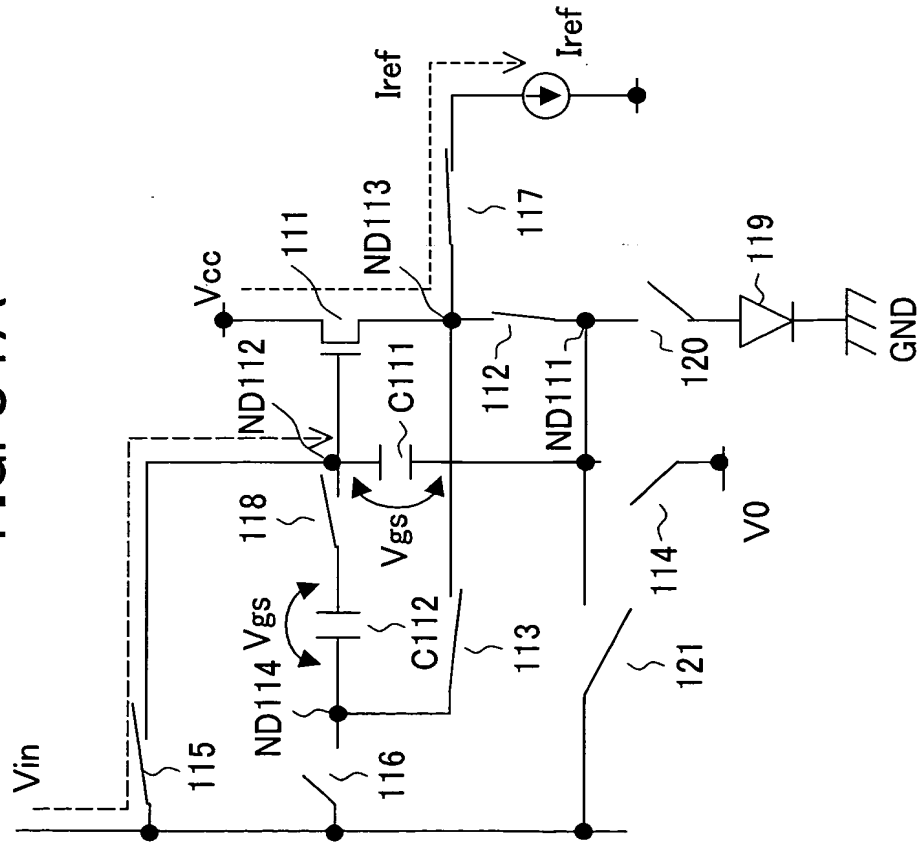


FIG. 31B

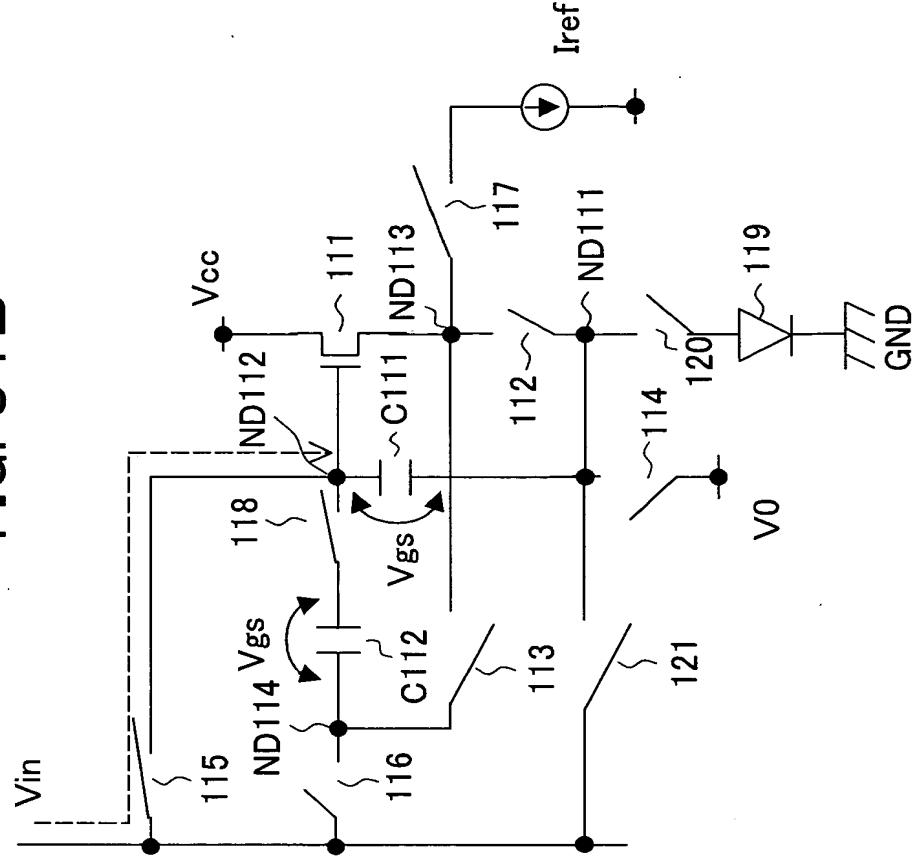


FIG. 32A

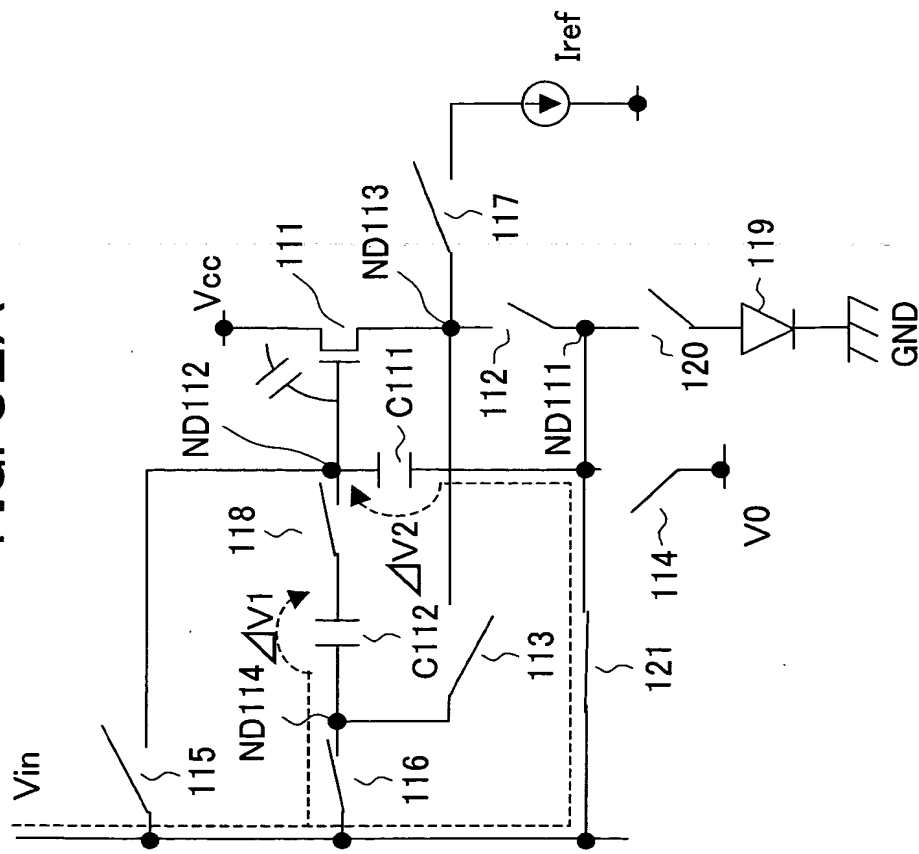


FIG. 32B

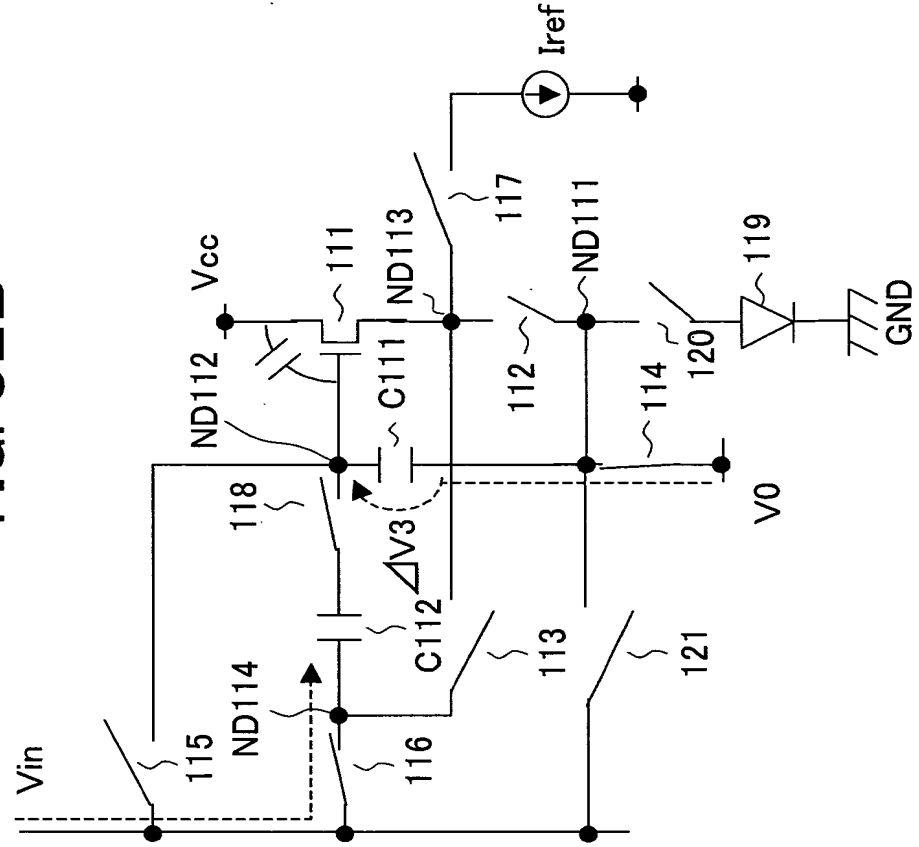


FIG. 33A

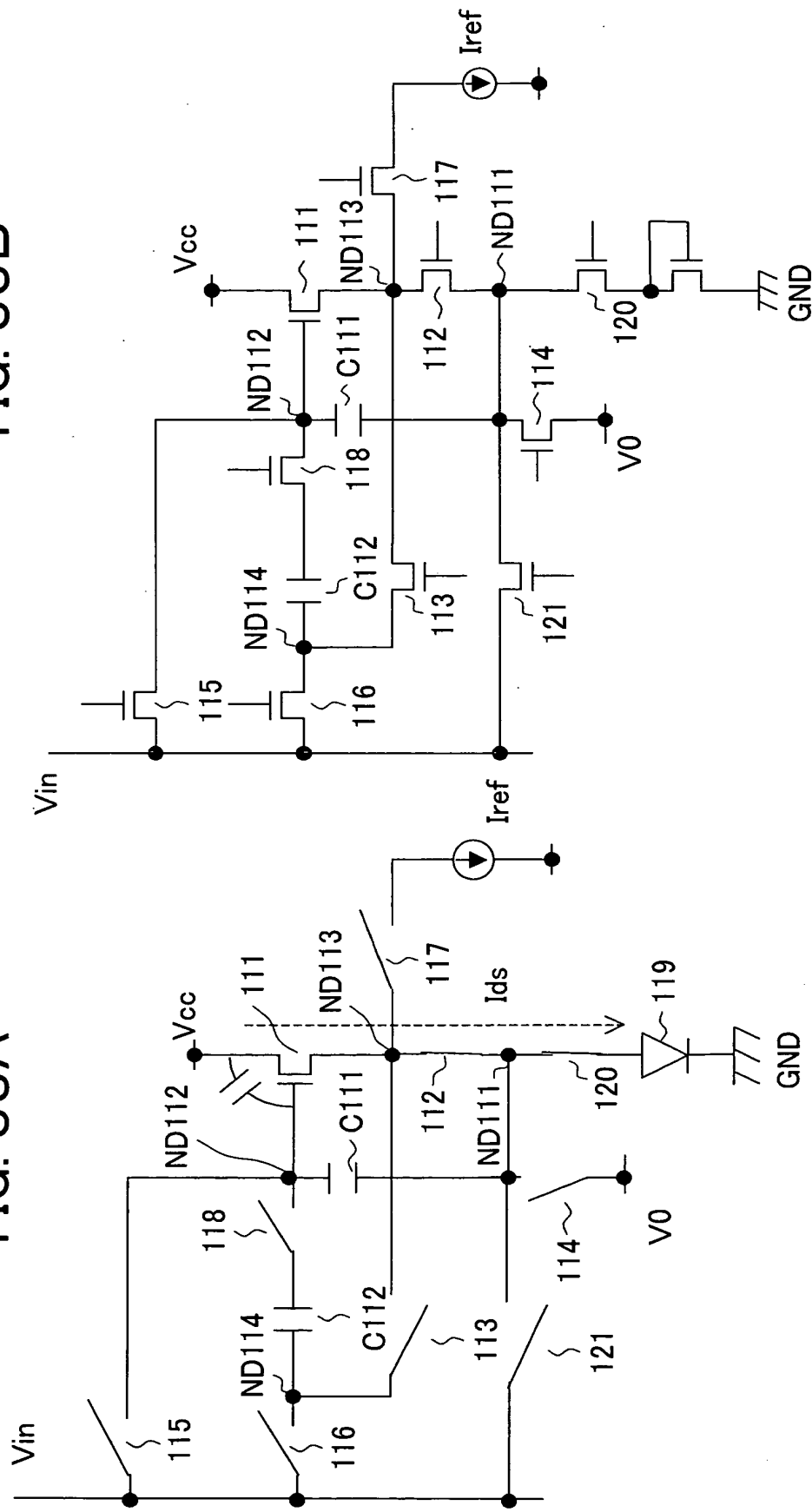


FIG. 33B

FIG. 34

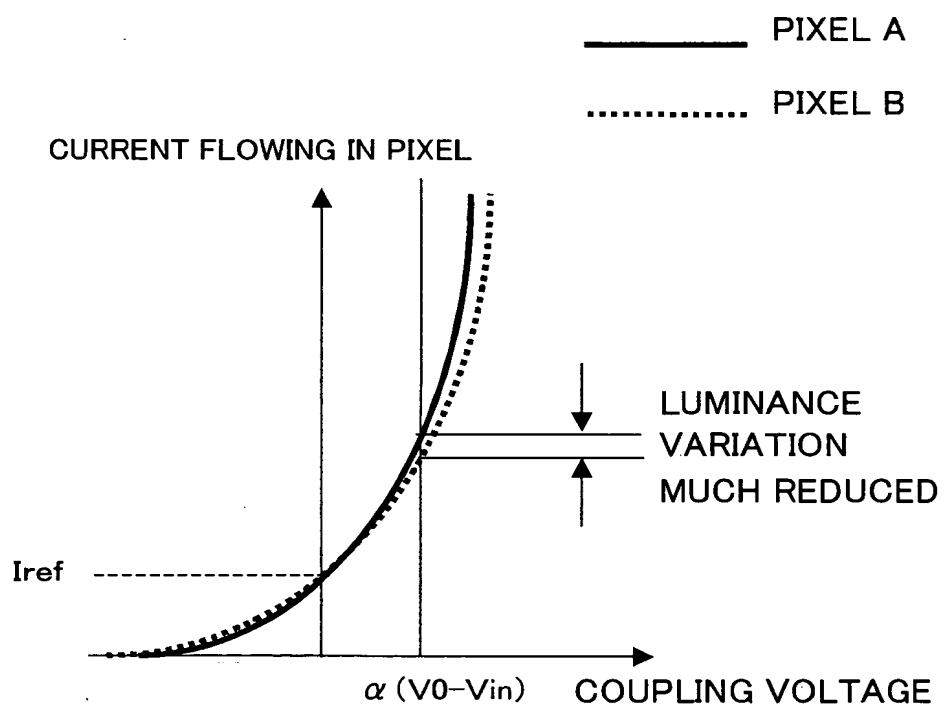


FIG. 35

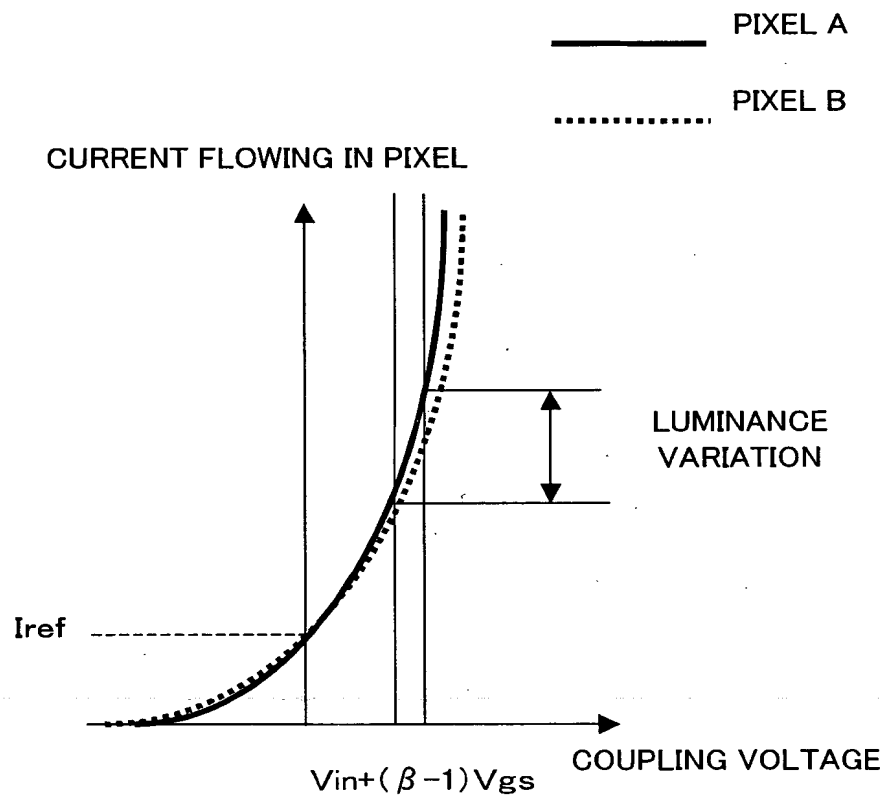


FIG. 36

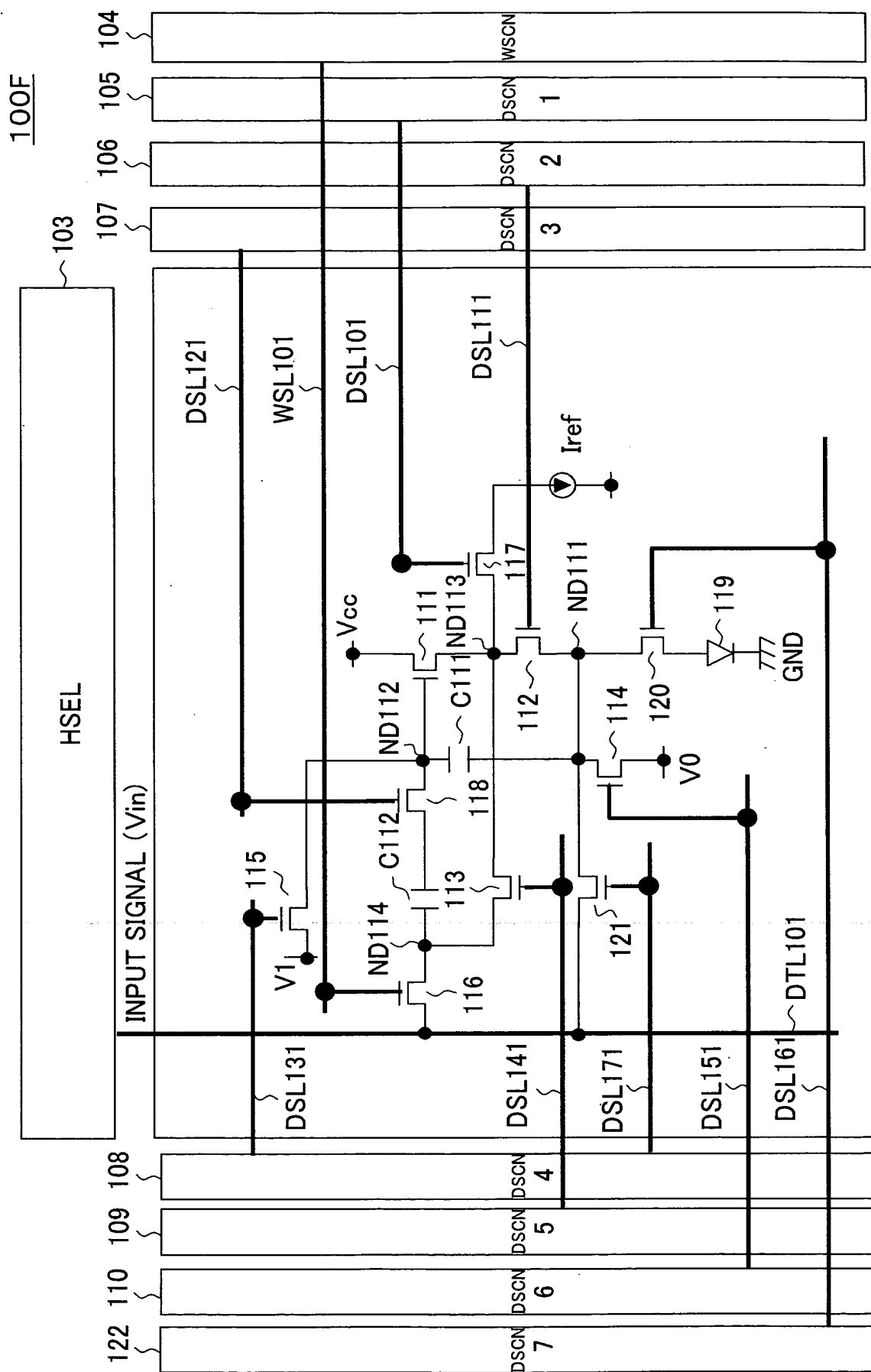


FIG. 37

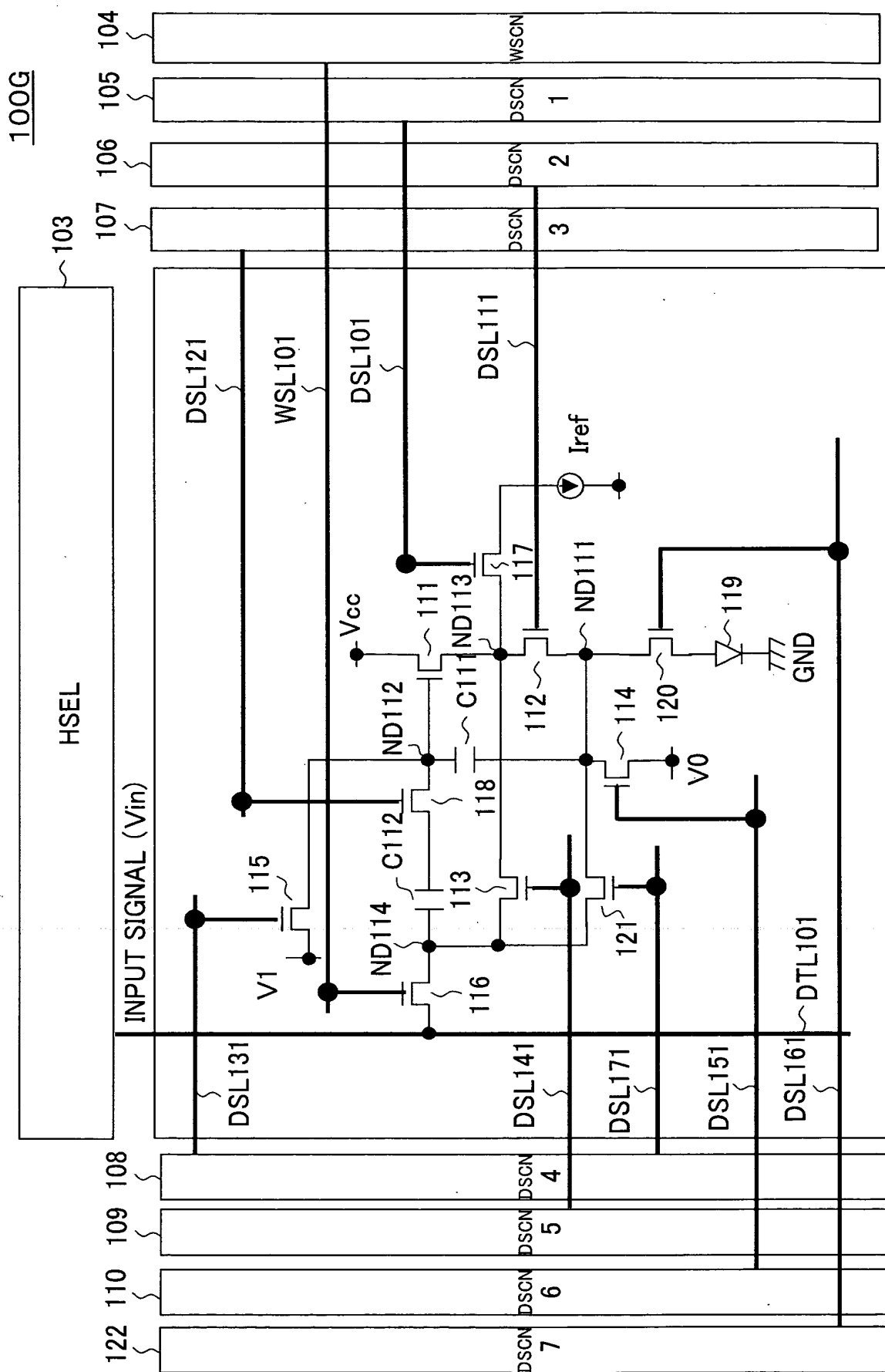


FIG. 38A_{ds[4]} TFT115

FIG. 38B_{ws[1]} TFT116

FIG. 38C_{ds[3]} TFT118

FIG. 38D_{ds[5]} TFT113

FIG. 38E_{ds[2]} TFT112

FIG. 38F_{ds[1]} TFT117

FIG. 38G_{ds[7]} TFT120

FIG. 38H_{ds[6]} TFT114

FIG. 38I_{ds[8]} TFT121

FIG. 38J_{Vg111}

FIG. 38K_{VND111}

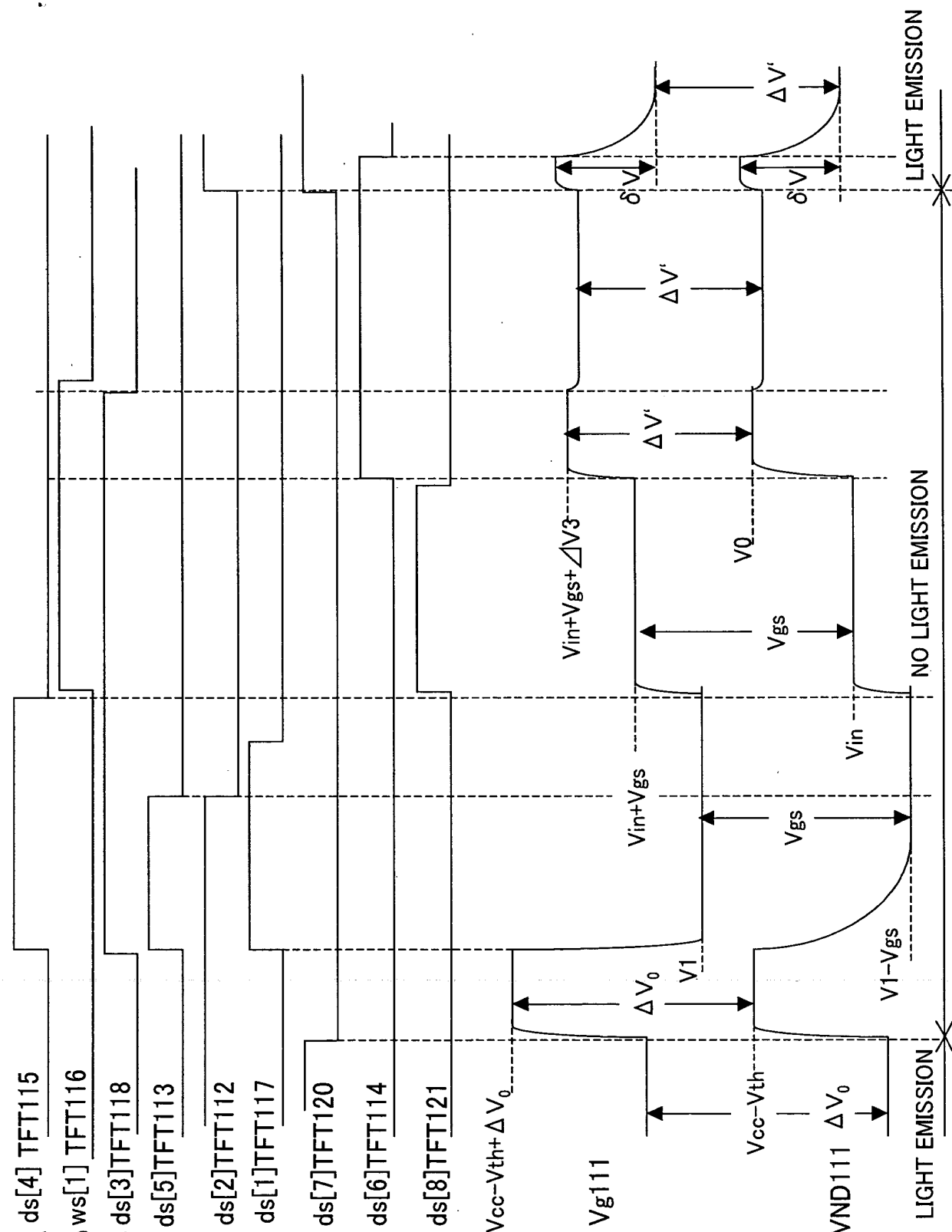


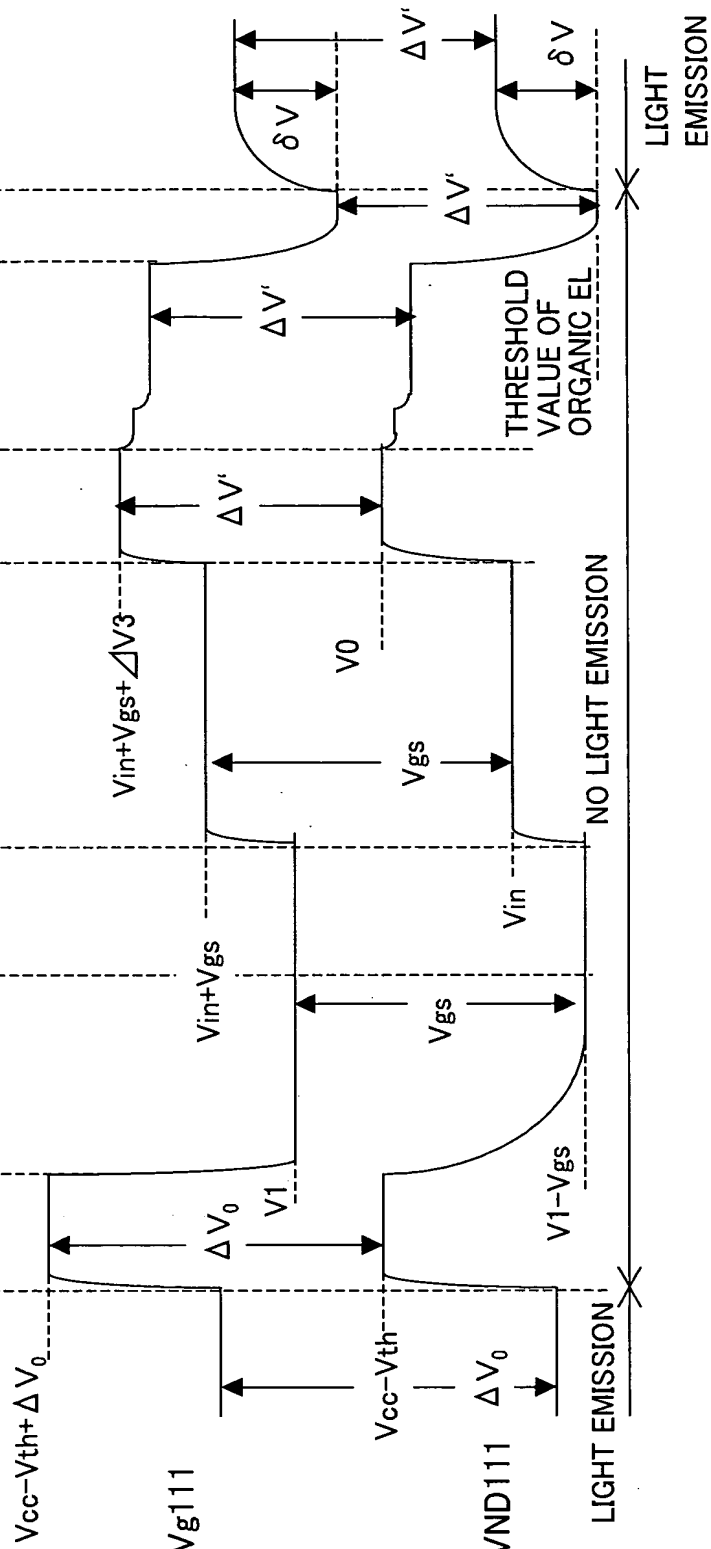
FIG. 39A_{ds[4]} TFT₁₁₅FIG. 39B_{ws[1]} TFT116FIG. 39C_{ds[3]TFT118}FIG. 39D_{ds[5]TFT113}FIG. 39E_{ds[2]TFT112}FIG. 39F_{ds[1]TFT117}FIG. 39G_{ds}[7]TFT₁₂₀FIG 39H_{ds}[6]TFT114FIG. 39I ds[8]TFT121

FIG. 40

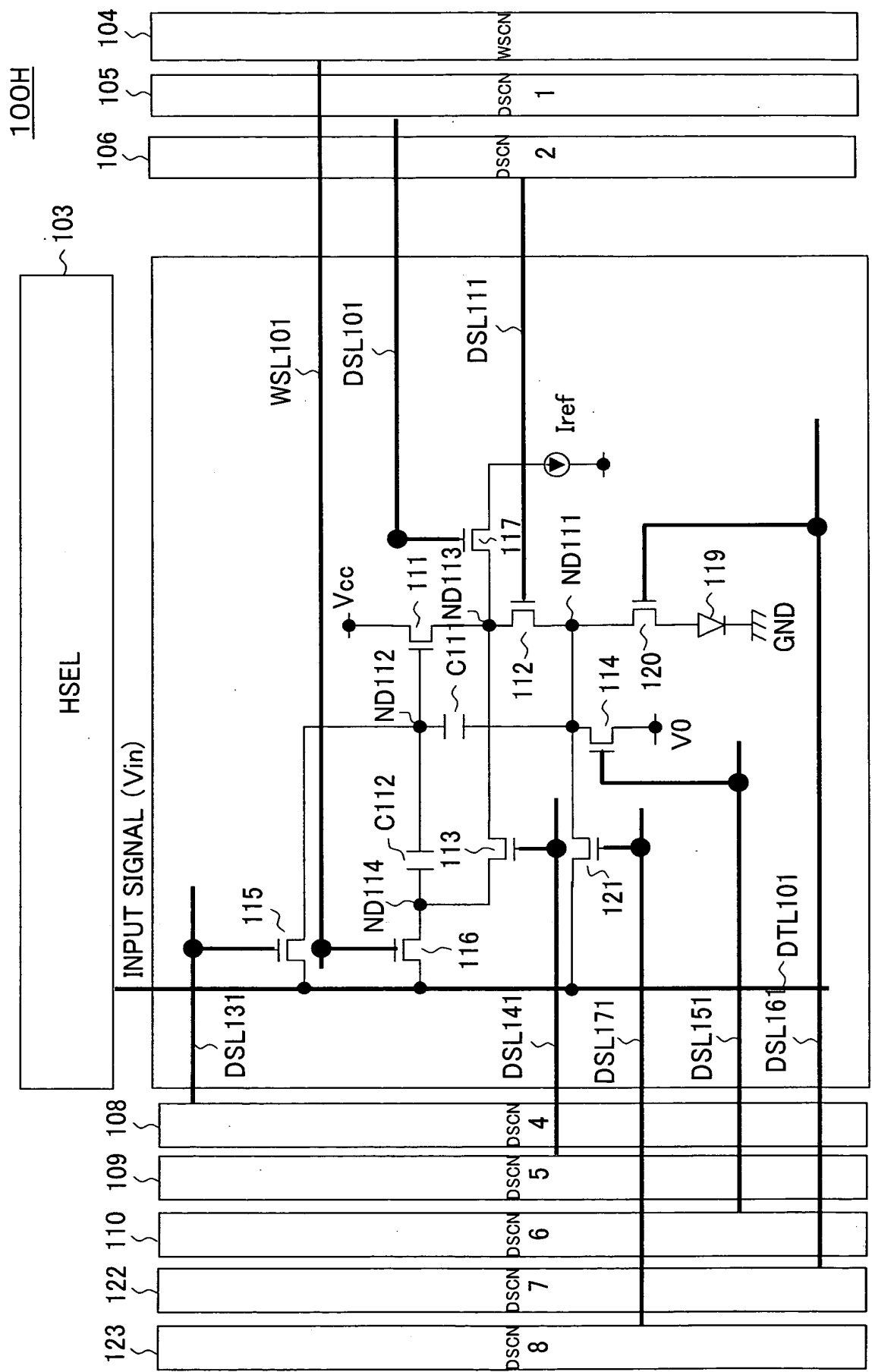


FIG. 41

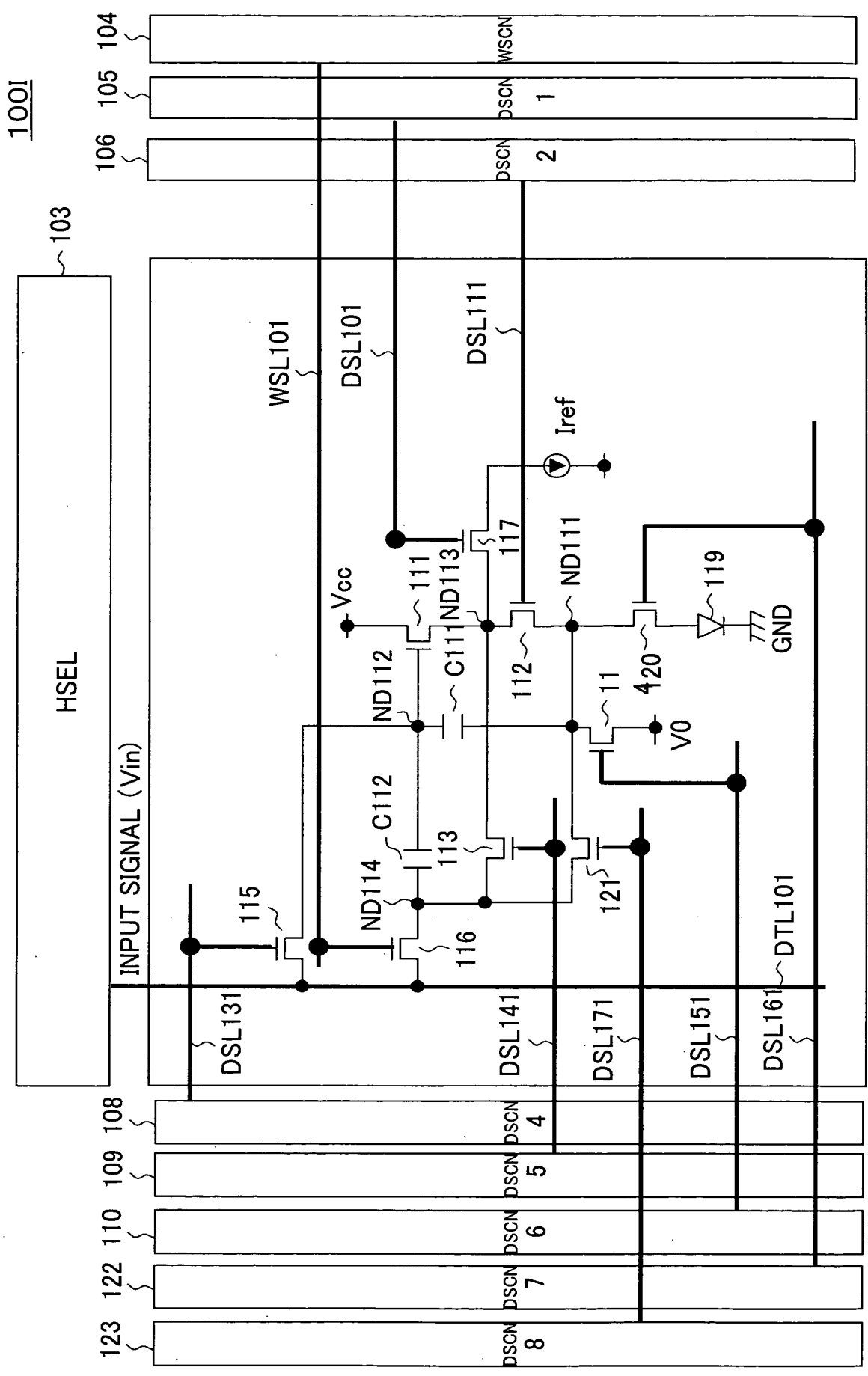


FIG. 42A_{ds[4]} TFT115

FIG. 42B_{ws[1]} TFT116

FIG. 42C_{ds[5]} TFT113

FIG. 42D_{ds[2]} TFT112

FIG. 42E_{ds[1]} TFT117

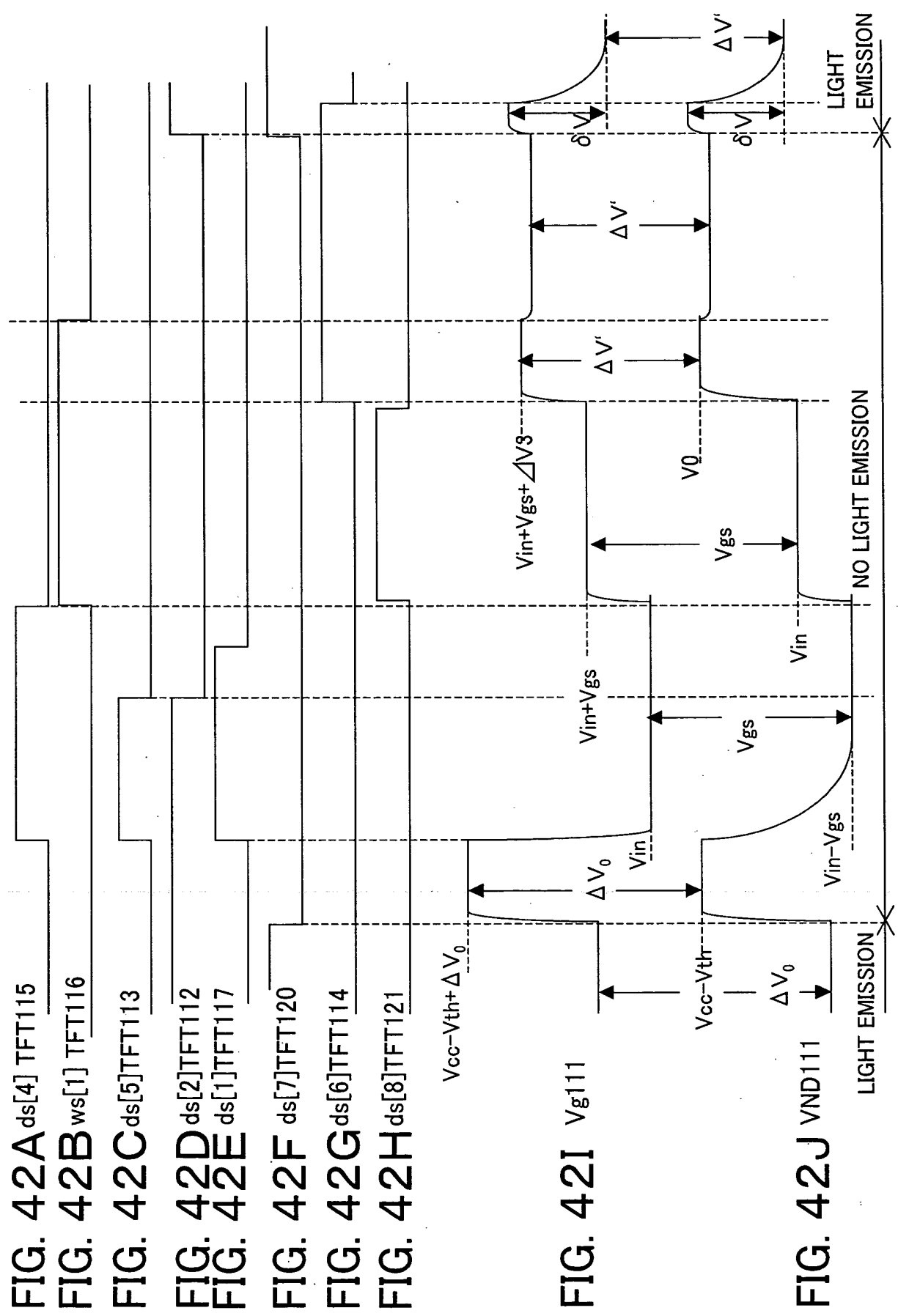
FIG. 42F_{ds[7]} TFT120

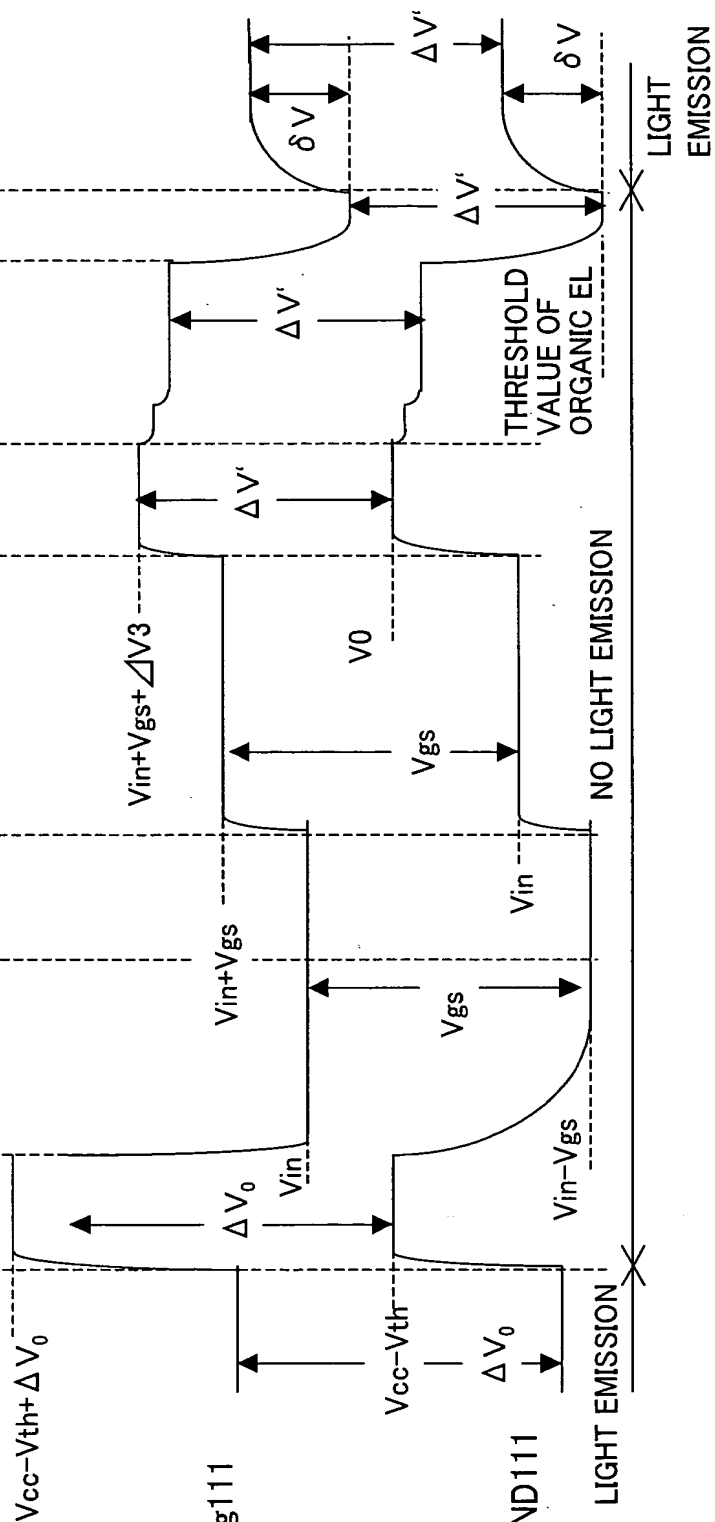
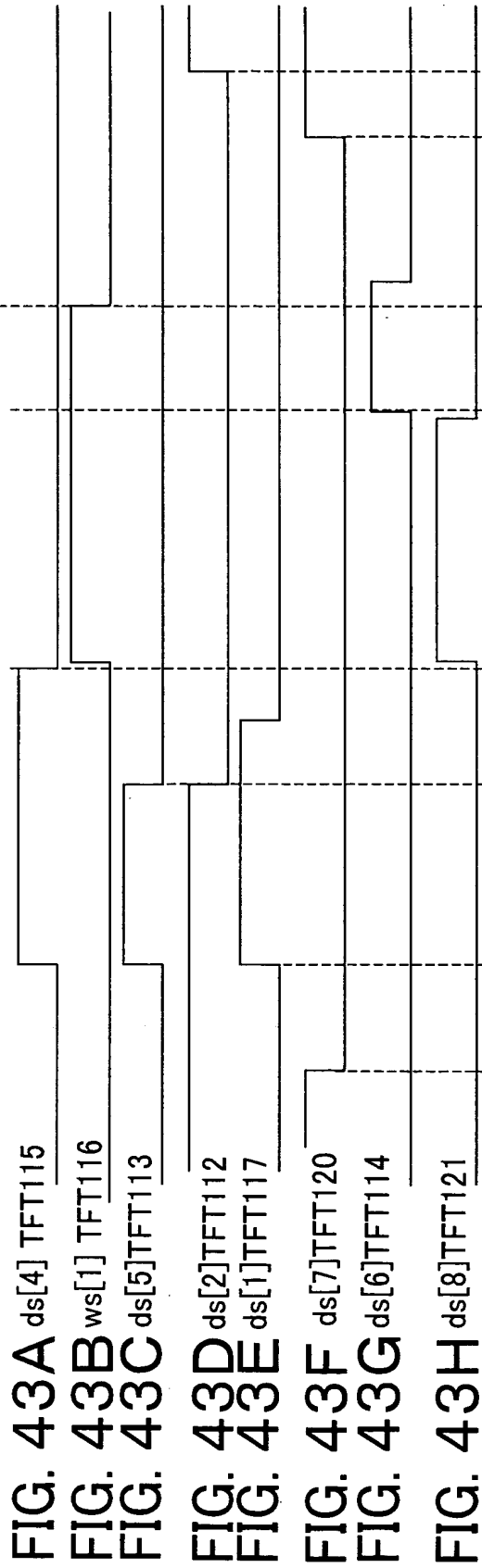
FIG. 42G_{ds[6]} TFT114

FIG. 42H_{ds[8]} TFT121

FIG. 42I_{Vg111}

FIG. 42J_{VND111}





The diagram illustrates a 100J input signal processing circuit. The input signal (Vin) is connected to a network of transistors (ND112, ND113, ND114, ND111, ND121), capacitors (C112, C111), and a current source (Iref). The output is connected to a DTL101 output driver. The circuit is controlled by HSEL and 100J signals. The output is connected to a DSCN output driver.

[illegible]

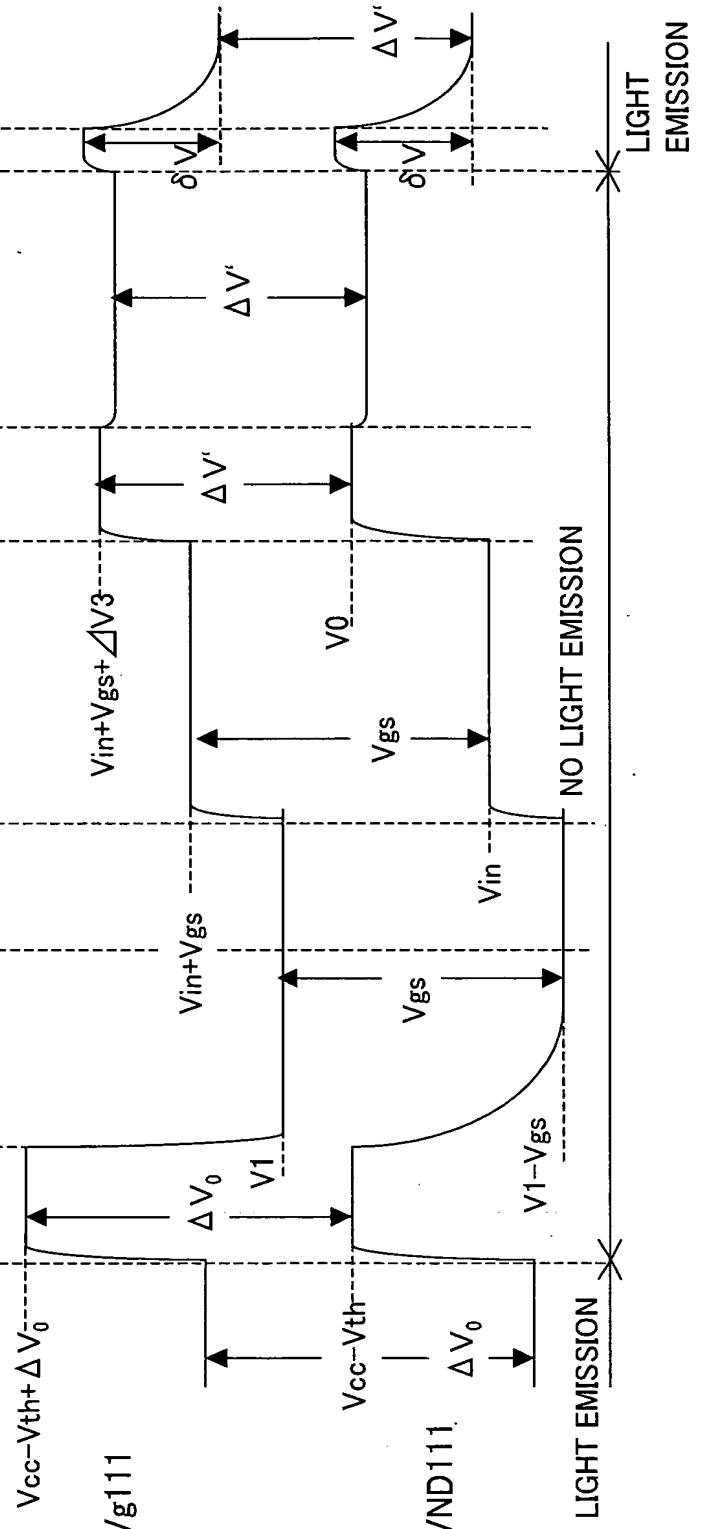
FIG. 46A_{ds[4]} TFT115FIG. 46B_{ws[1]} TFFT116FIG. 46C_{ds[5]TFT113}FIG. 46D_{ds[2]TFT112}FIG. 46E_{ds[1]TFT117}FIG. 46F_{ds[7]TFT120}FIG. 46G_{ds[6]TFT114}FIG. 46H_{ds[8]TFT121}FIG. 46I V_g111 

FIG. 46J VND111.

FIG. 47A_{ds[4]} TFT115

FIG. 47B_{ws[1]} TFT116

FIG. 47C_{ds[5]} TFT113

FIG. 47D_{ds[2]} TFT112

FIG. 47E_{ds[1]} TFT117

FIG. 47F_{ds[7]} TFT120

FIG. 47G_{ds[6]} TFT114

FIG. 47H_{ds[8]} TFT121

FIG. 47I_{Vg111}

FIG. 47J_{VND111}

